

# EXECUTIVE SUMMARY

## Quality Control Report: Tempo-Seq Data

### Project Information

Study/Project Name	Human expression data from 2D HepaRG cells treated with 30 chemicals at 9 different doses from the Tempo-seq S1500++ (version 2.0) platform.
Study/Project Identifier	TGMX17
Principal Study Investigator	Dr. Stephen Ferguson
Date Tempo-seq data received	11/17/2020
Total Fastq files received	2500
Date QC report generated	11/23/2020
Folder path for data/report	/ddn/gs1/shared/htt_data/tgm17

### Quality Control Summary

	Number of samples	% of samples
<b>Total samples</b>	2500	100%
<b>Passed QC</b>	2417	96.7%
<b>Flagged</b>	83	3.3%

**Table 1: Per sample Quality control summary**

All the samples have Sanger / Illumina 1.9 encoding.

All the samples have 50bp reads.

The number of fastq sequences per sample varies from 2,798 to 3,184,995. (Mean: 2,126,459 and Median: 2,134,514).

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### Quality Control Details

Reason for being Flagged	Number of samples	% of samples
Invalid fastq file	0	0.0%
Sequencing depth < 300K	1	0.0%
Alignment rate < 40%	82	3.3%
Unique Alignment rate < 30%	0	0.0%
Aligned reads < 300K	0	0.0%
Less than 50% of probes have at least 5 reads	0	0.0%
Per base quality check (Warning)	0	0.0%
Per base N content check (Warning)	0	0.0%
Total	83	3.3%

**Table 2: Per sample Quality control details.** Parameters in green are tunable.

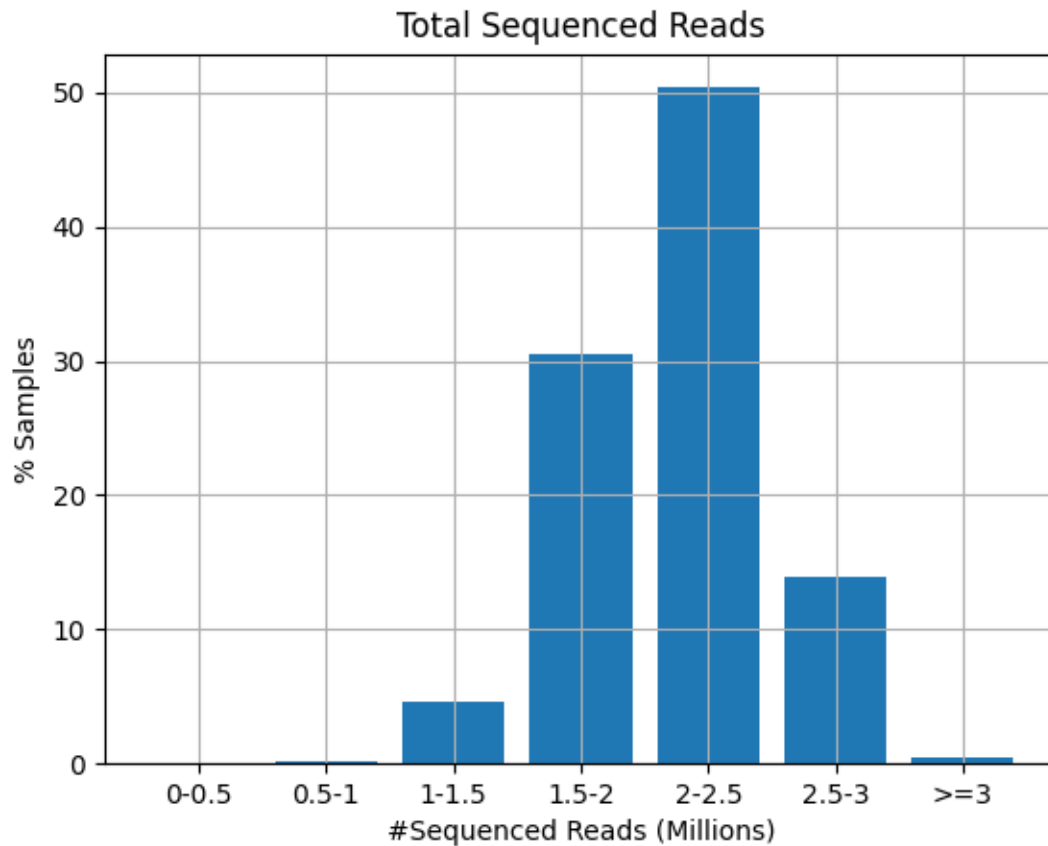
### Expert Comments

- (i) Only 3% of samples have been flagged in the QC analysis. This data is very high quality.
- (ii) Out of the 83 flagged samples, 71 samples are lysis buffer, lysate controls, or RNA controls and only 12 samples are chemical-treated.

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Distribution of the total number of sequenced reads for the samples.



**Figure 1: Distribution of the total number of sequenced reads**

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Distribution of the alignment rate of the samples.

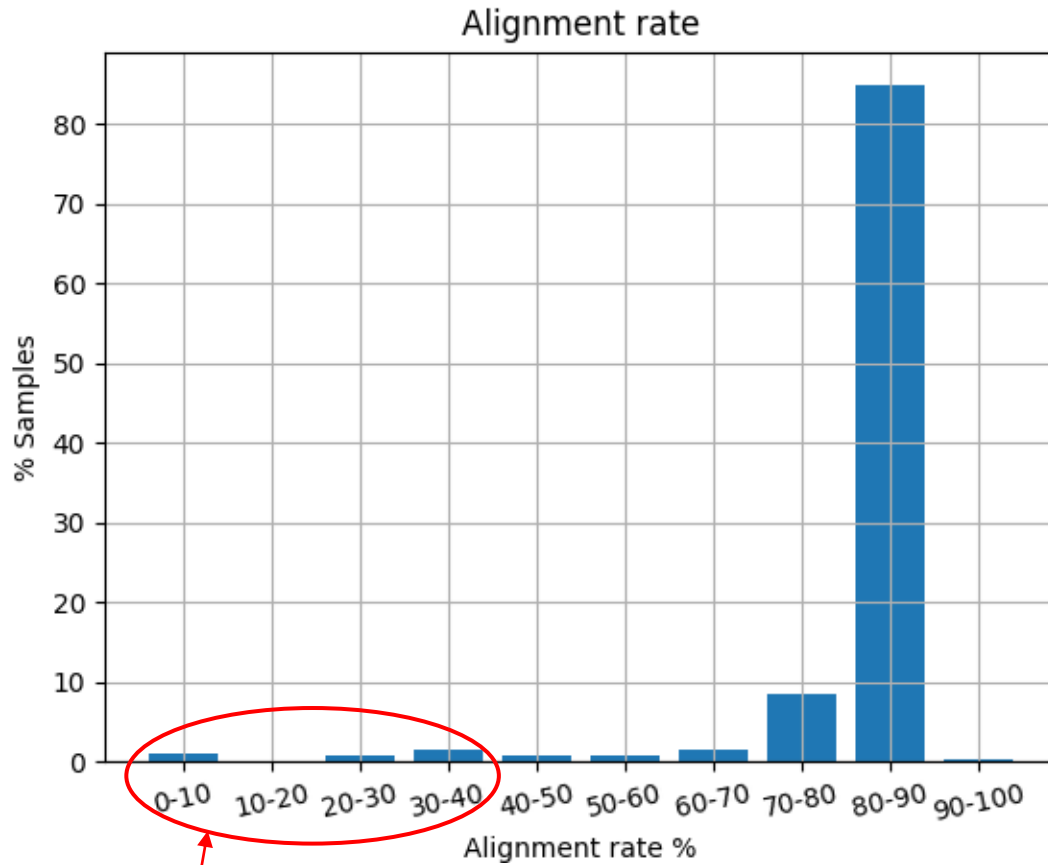


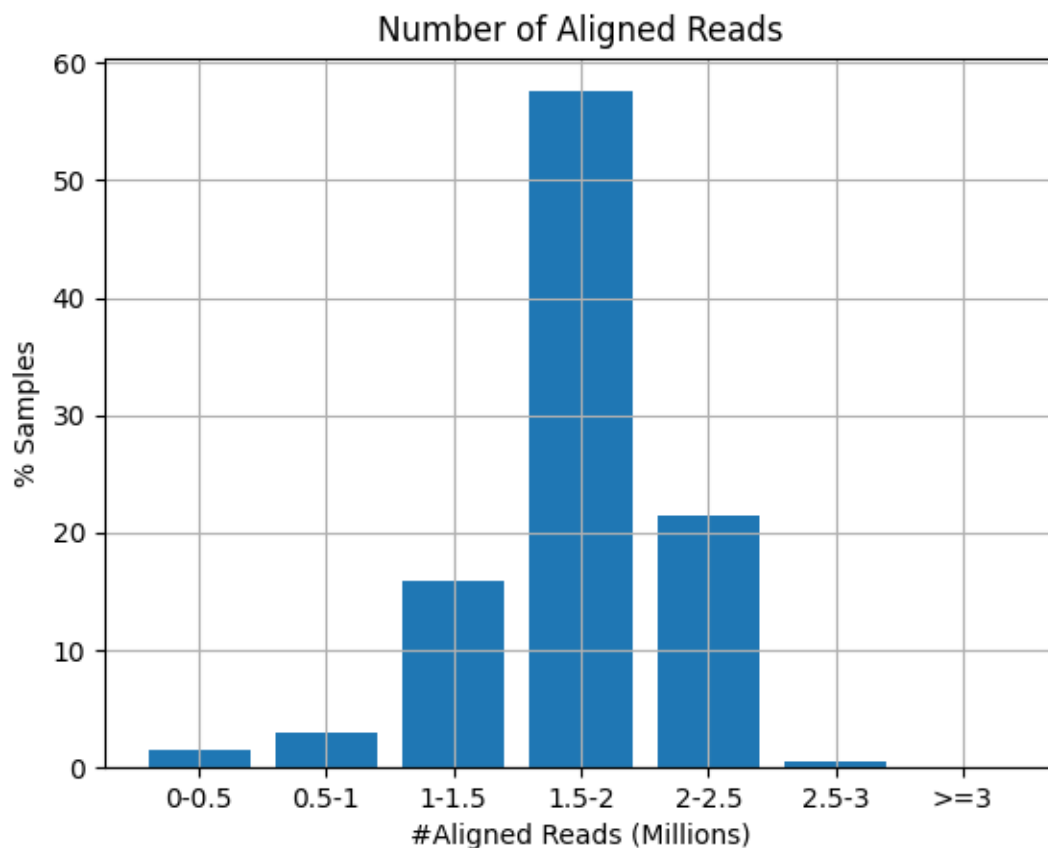
Figure 2: Distribution of the alignment rate of the samples

Flagged samples

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## Quality Control Report: Tempo-Seq Data

Distribution of the number of aligned reads for the samples.

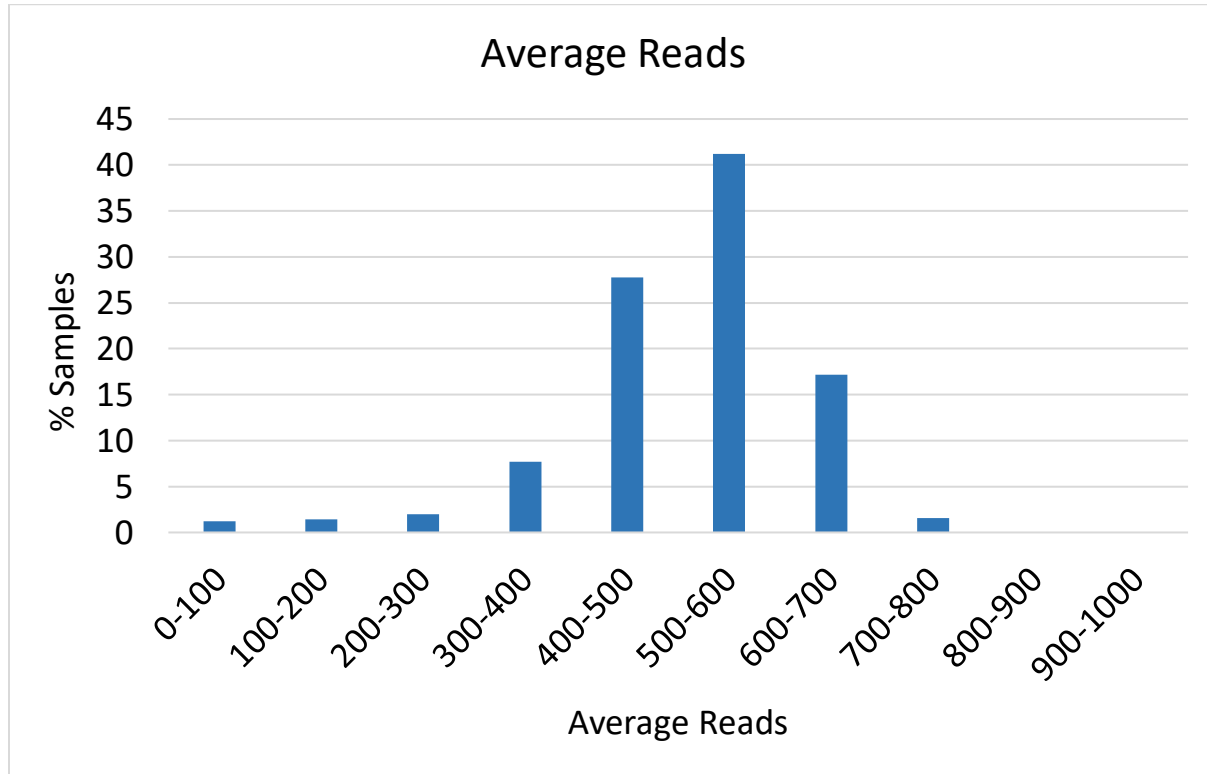


**Figure 3: Distribution of the aligned reads**

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Distribution of the average number of aligned reads for each sample across all probes.



**Figure 4: Distribution of the average reads per sample**

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## Quality Control Report: Tempo-Seq Data

### Quality Control Summary per Chemical

For efficient organization of space on plate image plots, we assigned short treatment codes to the different chemical treatments as shown in the table below.

Treatment Code	Chemical Name
T01	2-methyl-2,4-pentanediol
T02	6,2 FTOH
T03	6,2 FTS
T04	6,2 methylacrylate
T05	2-(2-Butoxyethoxy)ethanol
T06	4:2 Fluorotelomer sulfonic acid
T07	8:2 FTOH
T08	AFFF1-ARCTIC 3% MIL-SPEC AFFF-Solberg
T09	AFFF2-ANSULITE AFC-3MS 3% AFFF-CHEMGUARD
T10	AFFF3-AER-O-WATER 3EM-C6 AFFF-TRIDOL
T11	AFFF4-PHOS-CHEK 3% AFFF MILSPEC
T12	AFFF5-FOMTEC
T13	CHEMGUARD S550 PFAS mixture with PEG
T14	Cyclosporine A
T15	Laurylamidopropyl betaine
T16	Omeprazole
T17	PEG
T18	PFBS
T19	PFDA
T20	PFHpA (C7)
T21	PFHpS (C7)
T22	PFHxA
T23	PFHxSK
T24	PFNA
T25	PFOA
T26	PFOS
T27	Phenobarbital
T28	Pooled AFFF of qualified products
T29	SOS
T30	Wyeth-14643

**Table 3: Treatment codes with the corresponding chemical names**

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We assigned concentration codes for the different concentrations ( $\mu\text{M}$  or v/v%) for each chemical as shown in the table below.

Low dose ← → High dose

Treatment Code	C1	C2	C3	C4	C5	C6	C7	C8	C9
T01	6.03E-06	1.91E-05	6.03E-05	0.0001904	0.00060173	0.00190147	0.00600865	0.01898734	0.06
T02	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T03	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T04	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T05	6.03E-06	1.91E-05	6.03E-05	0.0001904	0.00060173	0.00190147	0.00600865	0.01898734	0.06
T06	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T07	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T08	2.01E-05	6.36E-05	0.0002009	0.0006347	0.00200577	0.00633824	0.02002884	0.06329114	0.2
T09	6.03E-06	1.91E-05	6.03E-05	0.0001904	0.00060173	0.00190147	0.00600865	0.01898734	0.06
T10	6.04E-05	0.0001907	0.0006026	0.0019042	0.00601732	0.01901472	0.06008652	0.18987342	0.6
T11	6.04E-05	0.0001907	0.0006026	0.0019042	0.00601732	0.01901472	0.06008652	0.18987342	0.6
T12	6.04E-05	0.0001907	0.0006026	0.0019042	0.00601732	0.01901472	0.06008652	0.18987342	0.6
T13	2.01E-06	6.36E-06	2.01E-05	6.35E-05	0.00020058	0.00063382	0.00200288	0.00632911	0.02
T14	0.0030173	0.0095348	0.03013	0.0952107	0.30086587	0.95073615	3.00432623	9.49367089	30
T15	2.01E-06	6.36E-06	2.01E-05	6.35E-05	0.00020058	0.00063382	0.00200288	0.00632911	0.02
T16	0.0100578	0.0317827	0.1004333	0.3173691	1.00288623	3.1691205	10.0144208	31.6455696	100
T17	6.04E-05	0.0001907	0.0006026	0.0019042	0.00601732	0.01901472	0.06008652	0.18987342	0.6
T18	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T19	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T20	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T21	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T22	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T23	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T24	0.0125723	0.0397283	0.1255416	0.3967113	1.25360779	3.96140062	12.518026	39.556962	125
T25	0.050289	0.1589134	0.5021662	1.5868453	5.01443116	15.8456025	50.0721038	158.227848	500
T26	0.0251445	0.0794567	0.2510831	0.7934227	2.50721558	7.92280124	25.0360519	79.1139241	250
T27	0.1005781	0.3178267	1.0043325	3.1736906	10.0288623	31.691205	100.144208	316.455696	1000
T28	2.01E-05	6.36E-05	0.0002009	0.0006347	0.00200577	0.00633824	0.02002884	0.06329114	0.2
T29	6.03E-06	1.91E-05	6.03E-05	0.0001904	0.00060173	0.00190147	0.00600865	0.01898734	0.06
T30	0.02011562	0.06356535	0.20086649	0.63473812	2.00577247	6.33824099	20.02884153	63.29113924	200.0

**Table 4: Concentration codes with the corresponding concentration ( $\mu\text{M}$  or v/v%) values for each chemical**

For each chemical/concentration, the Tempo-seq study has 2 batches. In each batch, there are 4 replicates. So, there are 4 replicates for each chemical/concentration/batch. There are 32 DMSO control samples, 176 Media control samples, and 32 MeOH control samples across the 10 plates. Each plate also contains 2 lysis buffer (no cell) wells, 4 RNA controls, and 4 lysate controls.



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For 24 out of the 30 treatments, all the samples for each concentration/batch passed QC. For the remaining 6 treatments, Table 5 summarizes the number of samples available for analysis (after removing flagged samples) per concentration for each chemical/batch. All chemical treatments (T01-T30) and batch combinations that are not shown in Table 5 retain all 4 replicates for each concentration.

Treatment Code	Chemical Name	Batch	C1	C2	C3	C4	C5	C6	C7	C8	C9
<b>T02</b>	6,2 FTOH	2	3	4	4	4	4	4	4	4	4
<b>T13</b>	CHEMGUARD S550 PFAS mixture with PEG	1	4	4	4	4	4	4	3	4	4
<b>T17</b>	PEG	1	4	4	4	4	4	3	4	4	4
<b>T19</b>	PFDA	1	4	4	4	4	4	4	4	4	0
<b>T21</b>	PFHpS (C7)	2	4	4	4	4	4	4	4	4	0
<b>T30</b>	Wyeth-14643	2	4	4	3	4	4	4	4	4	4

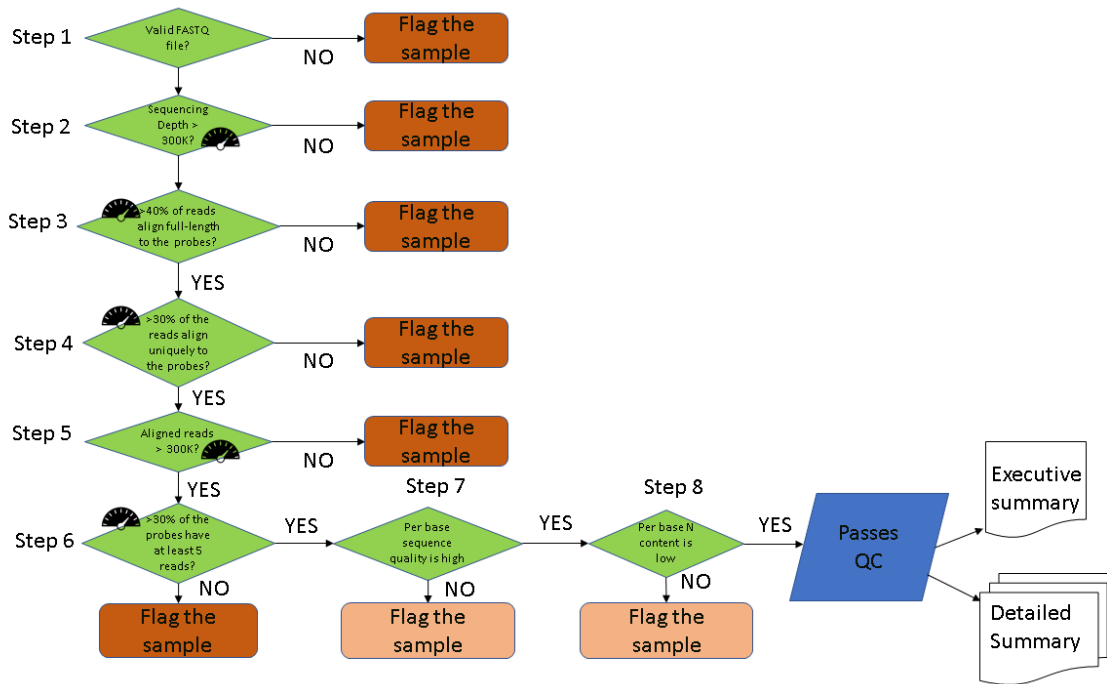
**Table 5: Number of samples available per chemical/batch/concentration (flagged samples are removed)**

Note that for chemical T19, all 4 samples at concentration C9 in batch #1 are flagged. Also, for chemical T21, all 4 samples at concentration C9 in batch #2 are flagged. These flagged samples for T19 and T21 were listed as cytotoxic with a score of 1.

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### QC Workflow



**Figure 5: Sciome Tempo-Seq QC Workflow.**

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### Details of Flagged Samples

**Details of flagged samples.** Red text indicates the QC metric value that is below the required threshold.

The rows in this table are sorted by failed QC metric. This information is also in the file

“per\_sample\_summary.xlsx”.

Fastq file prefix	Total Sequenced Reads	%Uniquely aligned reads	Total Aligned Reads	%Probes with >= 5 reads	QC outcome	Chemical	Concentration Code
Plate4-L07	2,798	81.42%	2,278	1.51	Fail	CHEMGUARD S550 PFAS mixture with PEG	C7
Plate9-J01	3,063,354	0.08%	2,523	2.69	Fail	Lysis buffer	C0
Plate7-N22	2,632,455	0.08%	2,022	1.45	Fail	6,2 FTOH	C1
Plate10-J01	3,060,176	0.09%	2,741	2.33	Fail	Lysis buffer	C0
Plate10-I01	2,907,109	0.1%	2,939	2.48	Fail	Lysis buffer	C0
Plate7-J01	2,704,578	0.11%	2,978	2.86	Fail	Lysis buffer	C0
Plate9-I01	2,813,581	0.11%	3,139	3.69	Fail	Lysis buffer	C0
Plate2-I01	2,499,737	0.11%	2,801	3.01	Fail	Lysis buffer	C0
Plate5-J01	2,610,430	0.12%	3,207	3.66	Fail	Lysis buffer	C0
Plate2-J01	2,848,188	0.12%	3,316	4.02	Fail	Lysis buffer	C0
Plate4-J01	2,957,366	0.12%	3,528	4.73	Fail	Lysis buffer	C0
Plate7-I01	2,629,571	0.15%	3,938	4.73	Fail	Lysis buffer	C0
Plate6-J01	2,876,887	0.16%	4,529	6.56	Fail	Lysis buffer	C0
Plate1-J01	2,441,655	0.17%	4,185	6.08	Fail	Lysis buffer	C0
Plate3-J01	1,985,291	0.18%	3,495	3.99	Fail	Lysis buffer	C0
Plate4-I01	1,981,932	0.24%	4,741	6.79	Fail	Lysis buffer	C0
Plate8-J01	2,939,845	0.34%	9,935	11.93	Fail	Lysis buffer	C0
Plate1-I01	2,444,761	0.39%	9,551	13.73	Fail	Lysis buffer	C0
Plate5-I01	2,490,948	0.76%	18,915	22.77	Fail	Lysis buffer	C0
Plate8-I01	2,765,272	0.92%	25,344	26.82	Fail	Lysis buffer	C0
Plate3-I01	2,268,964	1.46%	33,019	34.02	Fail	Lysis buffer	C0
Plate2-K03	1,953,086	1.73%	33,755	11.61	Fail	PFDA	C9
Plate2-L03	2,420,311	2.3%	55,584	21.80	Fail	PFDA	C9
Plate6-I01	2,453,926	2.34%	57,517	39.40	Fail	Lysis buffer	C0
Plate2-L04	1,911,781	2.44%	46,576	18.22	Fail	PFDA	C9
Plate2-K04	1,684,198	2.8%	47,134	17.13	Fail	PFDA	C9
Plate6-C03	2,093,119	5.69%	119,104	47.22	Fail	PFHpS (C7)	C9
Plate6-D03	2,238,056	5.77%	129,222	47.78	Fail	PFHpS (C7)	C9
Plate2-G01	2,317,059	6.38%	147,726	54.52	Fail	Lysate control2	C0
Plate3-H01	2,206,325	12.63%	278,634	62.17	Fail	Lysate control2	C0
Plate6-D04	1,928,528	21.33%	411,438	63.56	Fail	PFHpS (C7)	C9
Plate1-G01	1,954,265	21.46%	419,451	64.21	Fail	Lysate control2	C0
Plate6-C04	2,203,860	21.5%	473,917	65.03	Fail	PFHpS (C7)	C9
Plate1-H01	1,706,497	21.53%	367,343	63.50	Fail	Lysate control2	C0
Plate5-H01	2,009,805	21.81%	438,271	64.88	Fail	Lysate control2	C0
Plate4-C10	2,411,468	24.17%	582,914	45.66	Fail	PEG	C6

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Plate10-B01	1,898,769	25.09%	476,448	60.45	Fail	RNA-control1	C0
Plate9-G01	2,342,047	26.03%	609,586	67.28	Fail	Lysate control2	C0
Plate1-E01	1,953,376	27.13%	530,002	67.22	Fail	Lysate control1	C0
Plate10-H01	2,338,201	27.39%	640,520	67.81	Fail	Lysate control2	C0
Plate6-G01	1,969,466	27.47%	541,095	68.19	Fail	Lysate control2	C0
Plate1-F01	1,754,851	27.55%	483,439	66.57	Fail	Lysate control1	C0
Plate5-A01	1,621,635	27.76%	450,237	59.95	Fail	RNA-control1	C0
Plate5-G01	2,272,222	27.79%	631,540	68.81	Fail	Lysate control2	C0
Plate5-D01	2,567,002	27.88%	715,675	65.27	Fail	RNA-control2	C0
Plate9-H01	2,185,824	28.31%	618,797	68.25	Fail	Lysate control2	C0
Plate2-E01	2,021,246	28.49%	575,924	67.66	Fail	Lysate control1	C0
Plate5-F01	1,906,011	28.76%	548,177	67.48	Fail	Lysate control1	C0
Plate2-H01	2,274,627	29.87%	679,467	68.61	Fail	Lysate control2	C0
Plate6-H01	2,005,160	30.3%	607,556	67.34	Fail	Lysate control2	C0
Plate7-H01	2,181,391	30.67%	669,061	68.55	Fail	Lysate control2	C0
Plate9-F01	2,016,294	30.88%	622,692	68.52	Fail	Lysate control1	C0
Plate10-F01	2,100,028	30.93%	649,560	69.02	Fail	Lysate control1	C0
Plate8-G01	1,866,292	31.5%	587,954	68.22	Fail	Lysate control2	C0
Plate7-G01	2,370,440	31.56%	748,052	71.50	Fail	Lysate control2	C0
Plate2-D01	2,814,647	31.6%	889,554	69.64	Fail	RNA-control2	C0
Plate9-A01	1,804,950	31.73%	572,719	64.00	Fail	RNA-control1	C0
Plate10-E01	2,353,294	32.11%	755,727	70.73	Fail	Lysate control1	C0
Plate6-D01	2,552,194	32.34%	825,273	68.72	Fail	RNA-control2	C0
Plate9-E01	2,359,977	32.64%	770,271	70.26	Fail	Lysate control1	C0
Plate4-H01	1,881,990	32.87%	618,679	67.57	Fail	Lysate control2	C0
Plate8-B01	1,846,177	33.22%	613,211	65.59	Fail	RNA-control1	C0
Plate2-C01	2,872,078	34.04%	977,644	70.32	Fail	RNA-control2	C0
Plate9-B01	1,608,559	34.53%	555,375	62.64	Fail	RNA-control1	C0
Plate3-G01	2,005,527	34.76%	697,206	69.67	Fail	Lysate control2	C0
Plate6-F01	1,836,057	34.92%	641,137	68.55	Fail	Lysate control1	C0
Plate5-C01	2,598,762	35.3%	917,339	70.61	Fail	RNA-control2	C0
Plate5-E01	2,290,010	35.53%	813,636	71.26	Fail	Lysate control1	C0
Plate2-F01	2,389,375	35.54%	849,209	71.83	Fail	Lysate control1	C0
Plate2-A01	1,768,094	35.6%	629,527	65.65	Fail	RNA-control1	C0
Plate10-A01	2,034,206	36.06%	733,617	67.01	Fail	RNA-control1	C0
Plate1-C01	2,059,073	36.06%	742,497	67.16	Fail	RNA-control2	C0
Plate10-G01	2,348,177	36.37%	854,125	70.05	Fail	Lysate control2	C0
Plate10-D01	2,640,894	36.5%	964,010	70.02	Fail	RNA-control2	C0
Plate10-C01	2,796,869	36.54%	1,021,964	70.73	Fail	RNA-control2	C0
Plate7-F01	2,015,201	36.86%	742,756	71.12	Fail	Lysate control1	C0
Plate8-C01	3,007,717	37.03%	1,113,904	72.36	Fail	RNA-control2	C0
Plate6-E01	2,000,515	37.05%	741,125	70.53	Fail	Lysate control1	C0
Plate1-D01	2,344,163	38.02%	891,365	72.15	Fail	RNA-control2	C0
Plate8-H01	1,751,040	38.13%	667,724	71.44	Fail	Lysate control2	C0
Plate8-J17	2,686,422	38.14%	1,024,697	55.58	Fail	Wyeth-14643	C3
Plate4-G01	1,549,104	38.53%	596,857	67.48	Fail	Lysate control2	C0

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Plate1-A01	1,624,806	39.26%	637,890	66.51	Fail	RNA-control1	C0
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**Table 6: QC metrics for the flagged samples.** Red text indicates the QC metric value that is below the required threshold.

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### Plate Images

Figures 6-15 display images for each plate showing the following information:

The Plate Image with the “Unique Alignment Rate (%)” shows the alignment rate for each well on the plate.

The Plate Image with “Expressed Probes (%)” shows the percentage of probes with 5 or more reads for each well on the plate.

The Plate Image with “Average Read Count” shows the average number of raw reads across all the probes on the Biospyder platform for each well on the plate. The wells in **red** have a very low mean read count. Note that the mean read count is not being used in the tempo-seq QC workflow to flag the samples.

The Plate Image “QC outcome” shows the Pass/Fail flag based on Sciome’s QC workflow for each well on the plate. **Red** indicates **Fail** and **Green** indicates **Pass**.

There are additional Plate Images for metadata-related information including dose code, chemical, and sex. The legend at the bottom right corner of Figures 6-15 indicates the meaning of each color in the images.

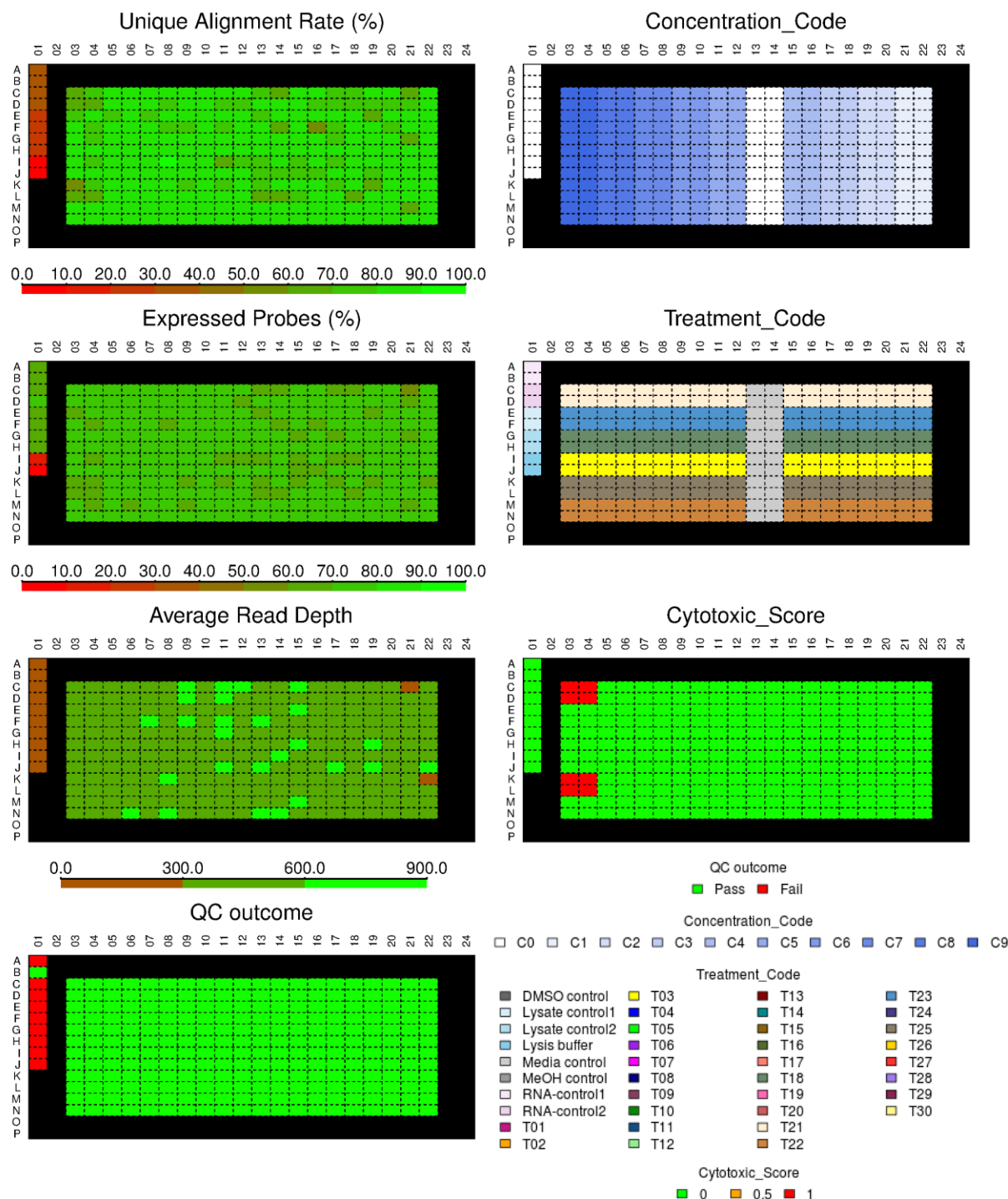
The black wells in each image are wells for which a fastq file was not available.

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**TGMX17: Plate-wise Sequencing**

**Plate: 17-0831-P1R1**



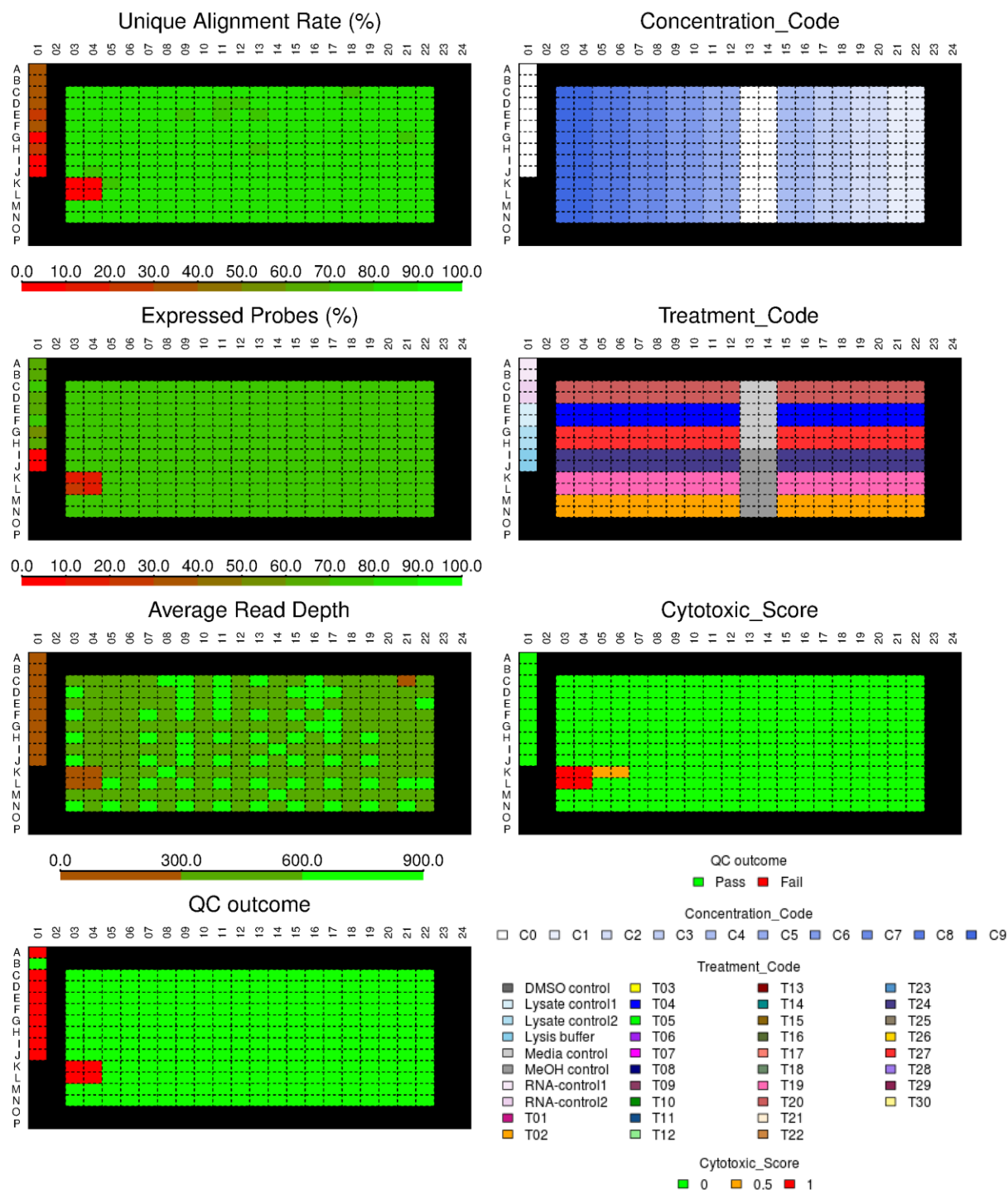
**Figure 6: 17-0831-P1R1**

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## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0831-P2R1**



**Figure 7: 17-0831-P2R1**



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### TGMX17: Plate-wise Sequencing

#### Plate: 17-0831-P3R1

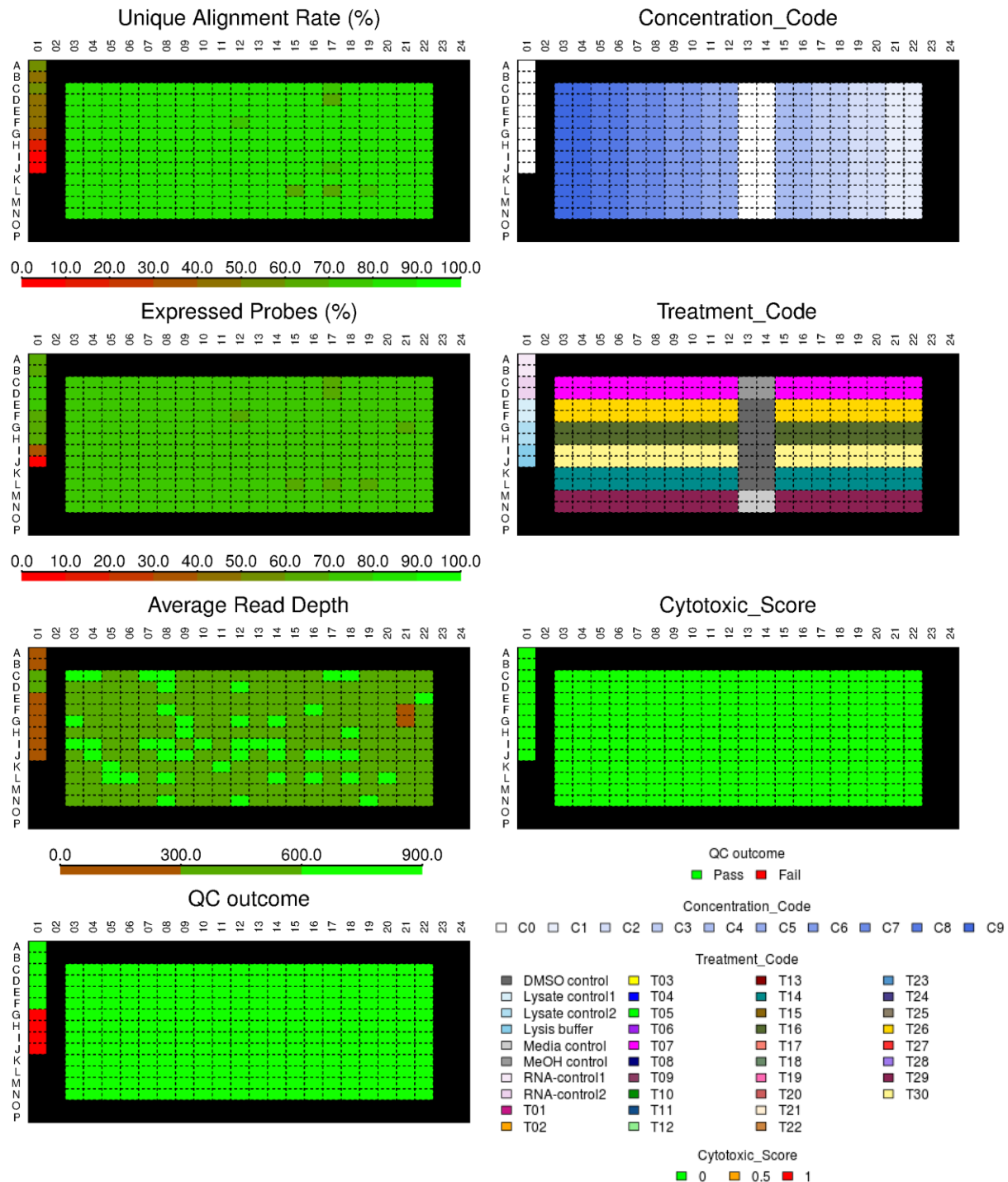


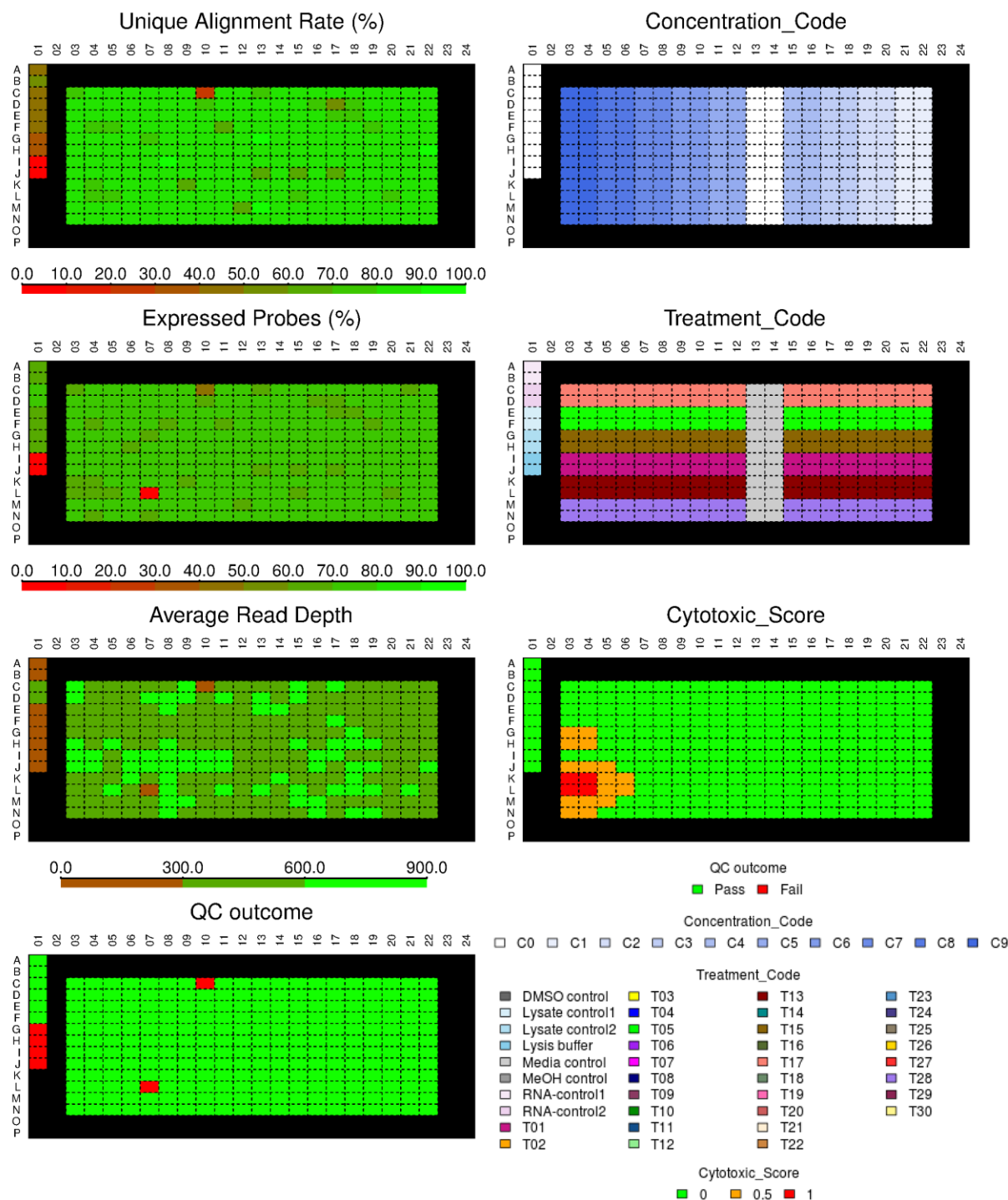
Figure 8: 17-0831-P3R1

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## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0831-P4R1**



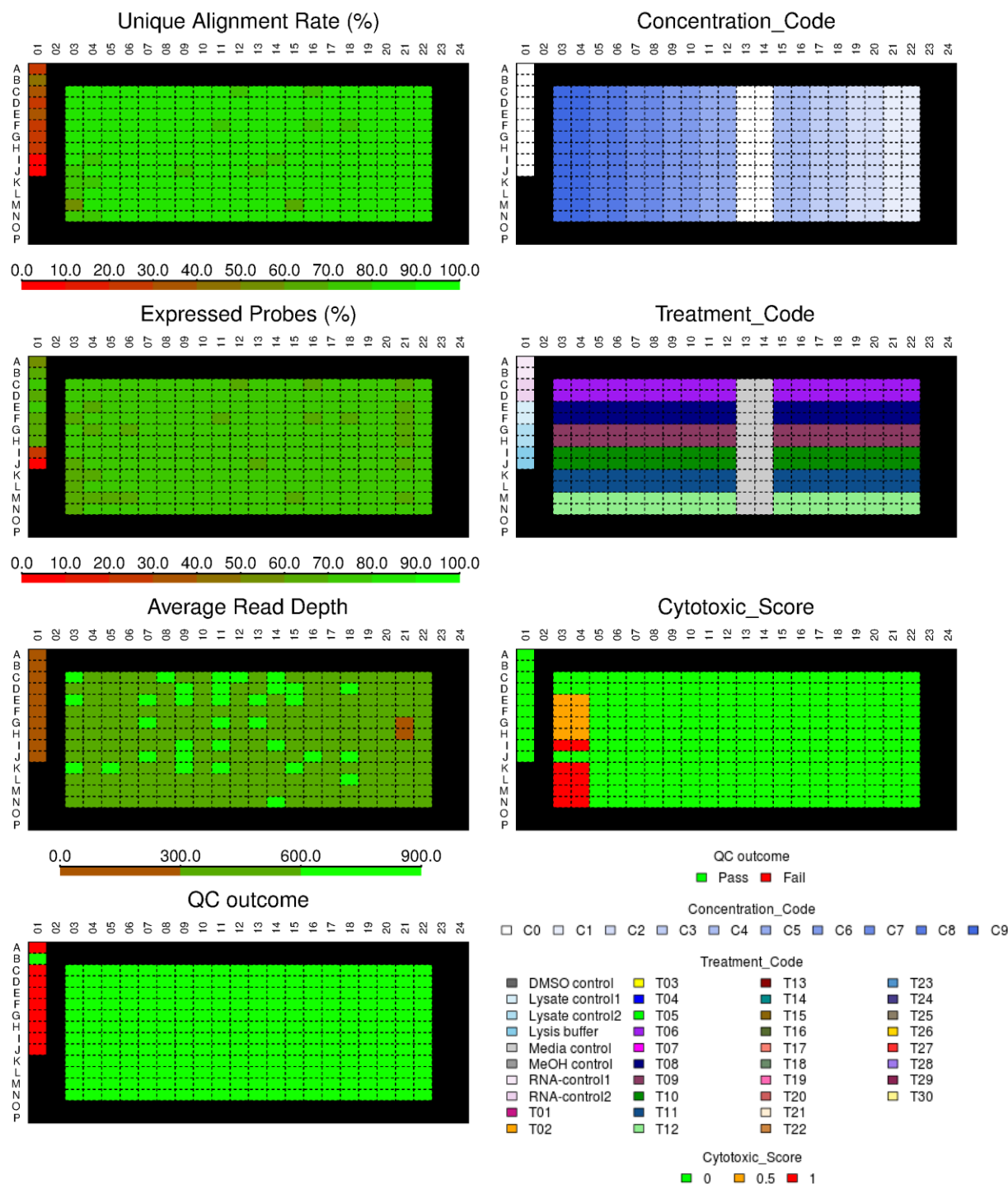
**Figure 9: 17-0831-P4R1**

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0831-P5R1**



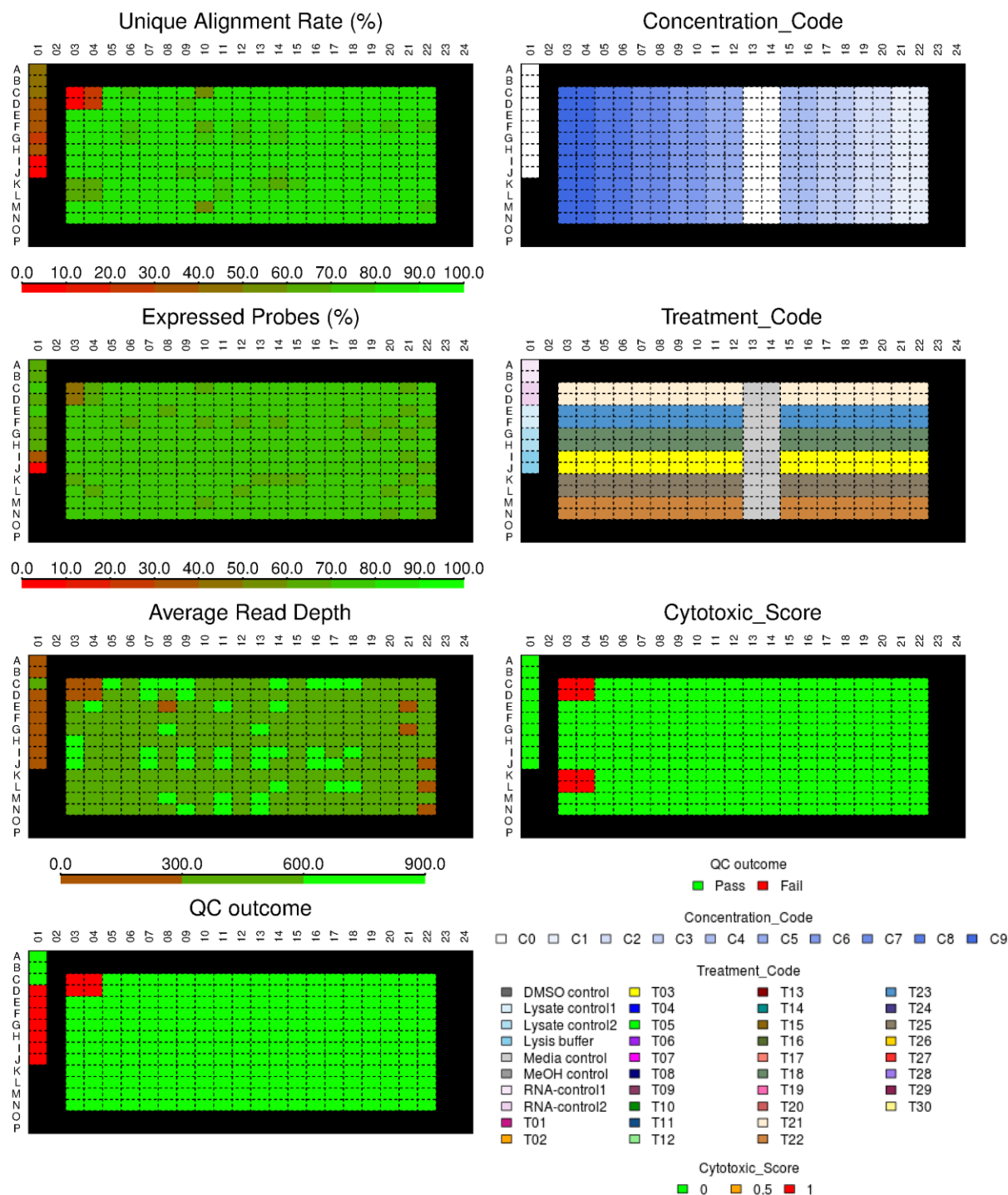
**Figure 10: 17-0831-P5R1**

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0907-P1R2**



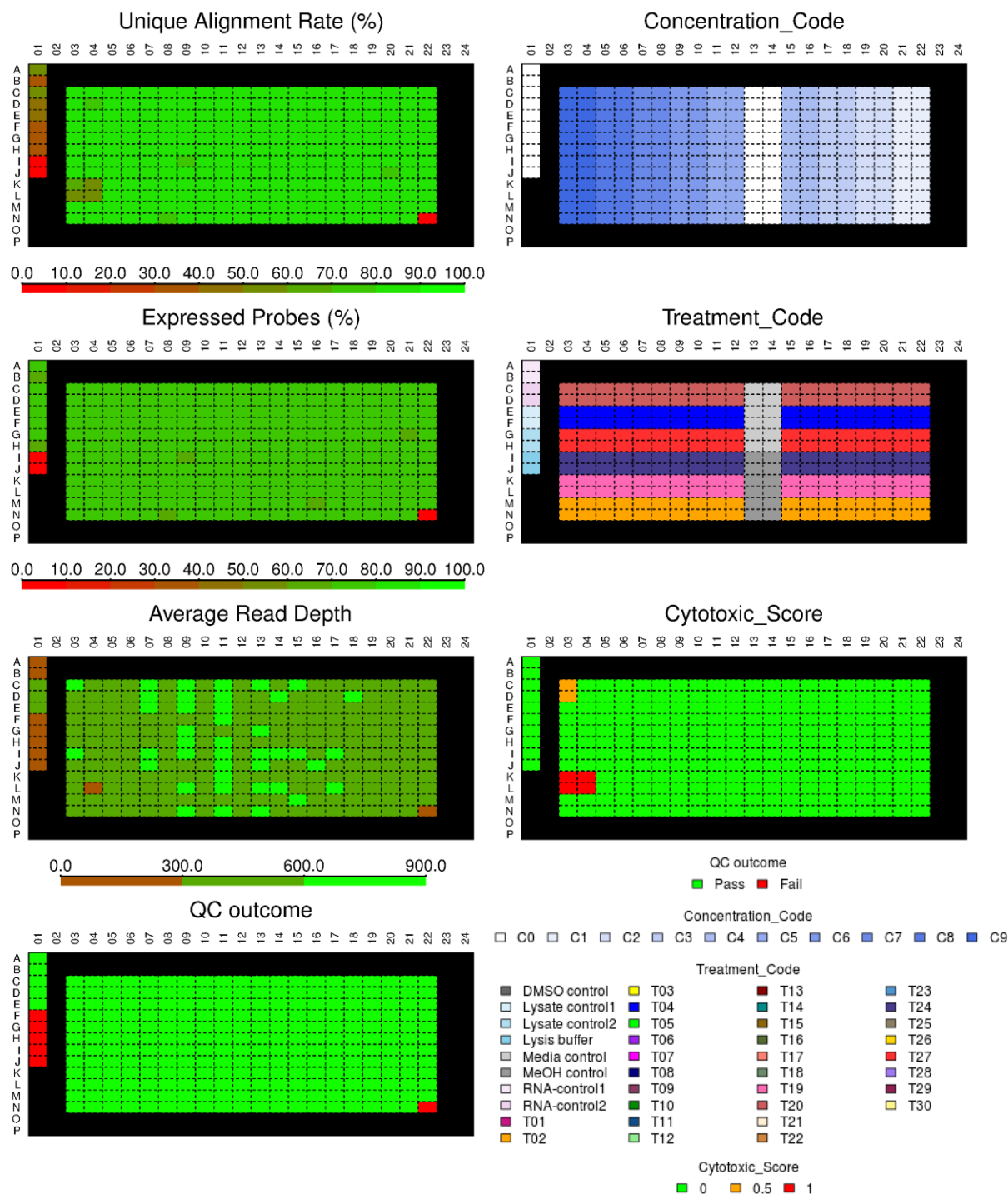
**Figure 11: 17-0907-P1R2**

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0907-P2R2**



**Figure 12: 17-0907-P2R2**

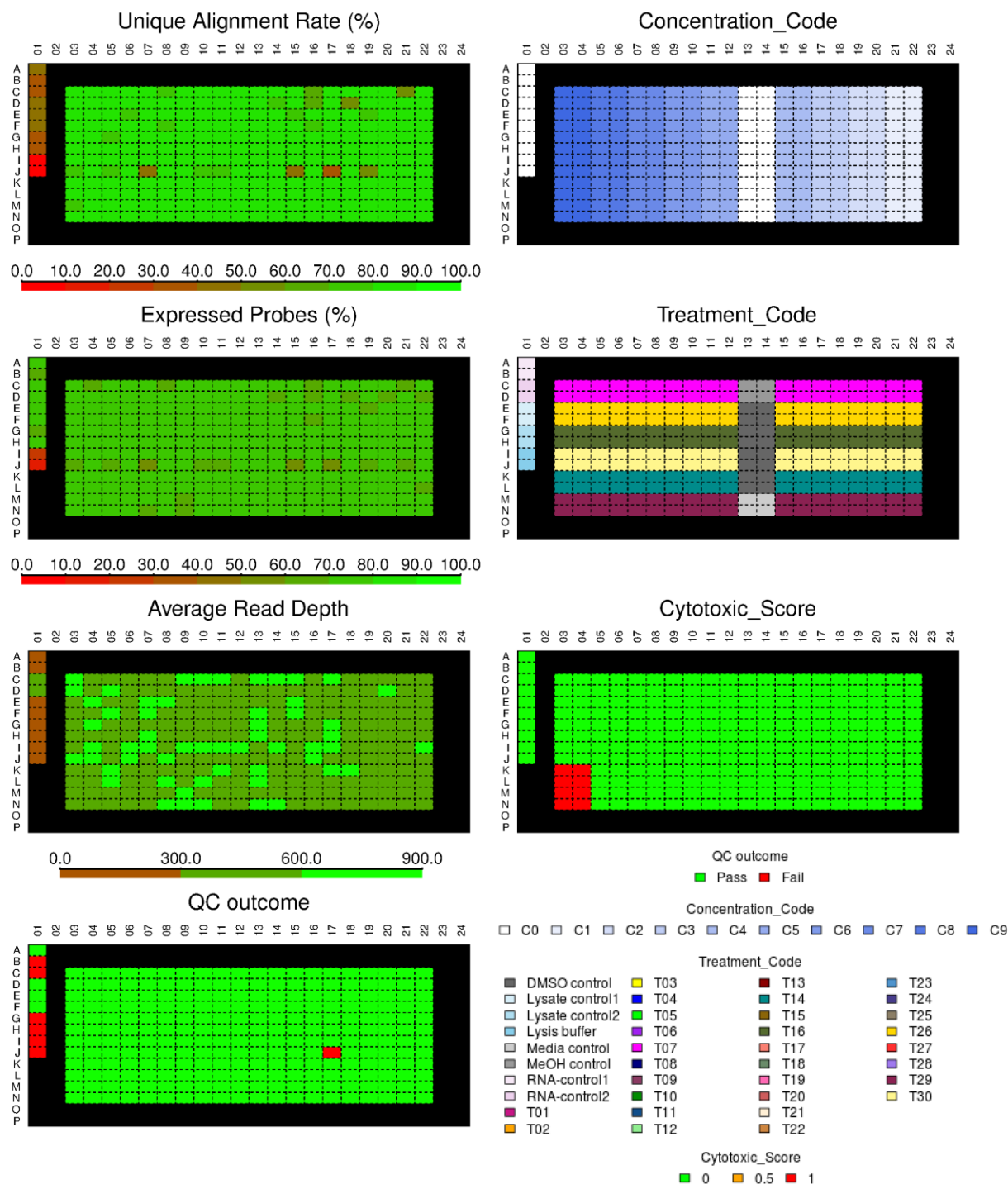


# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0907-P3R2**



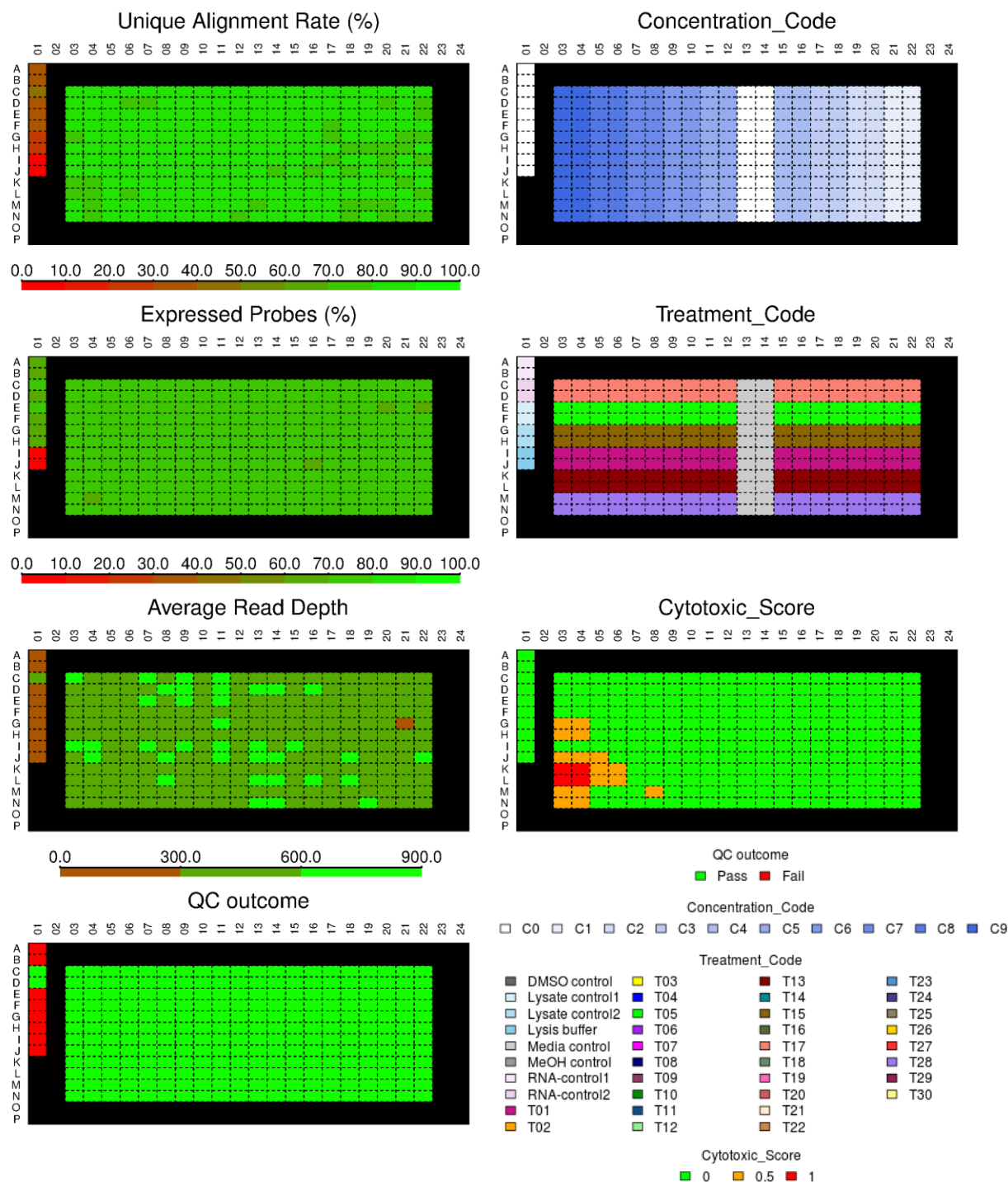
**Figure 13: 17-0907-P3R2**

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0907-P4R2**



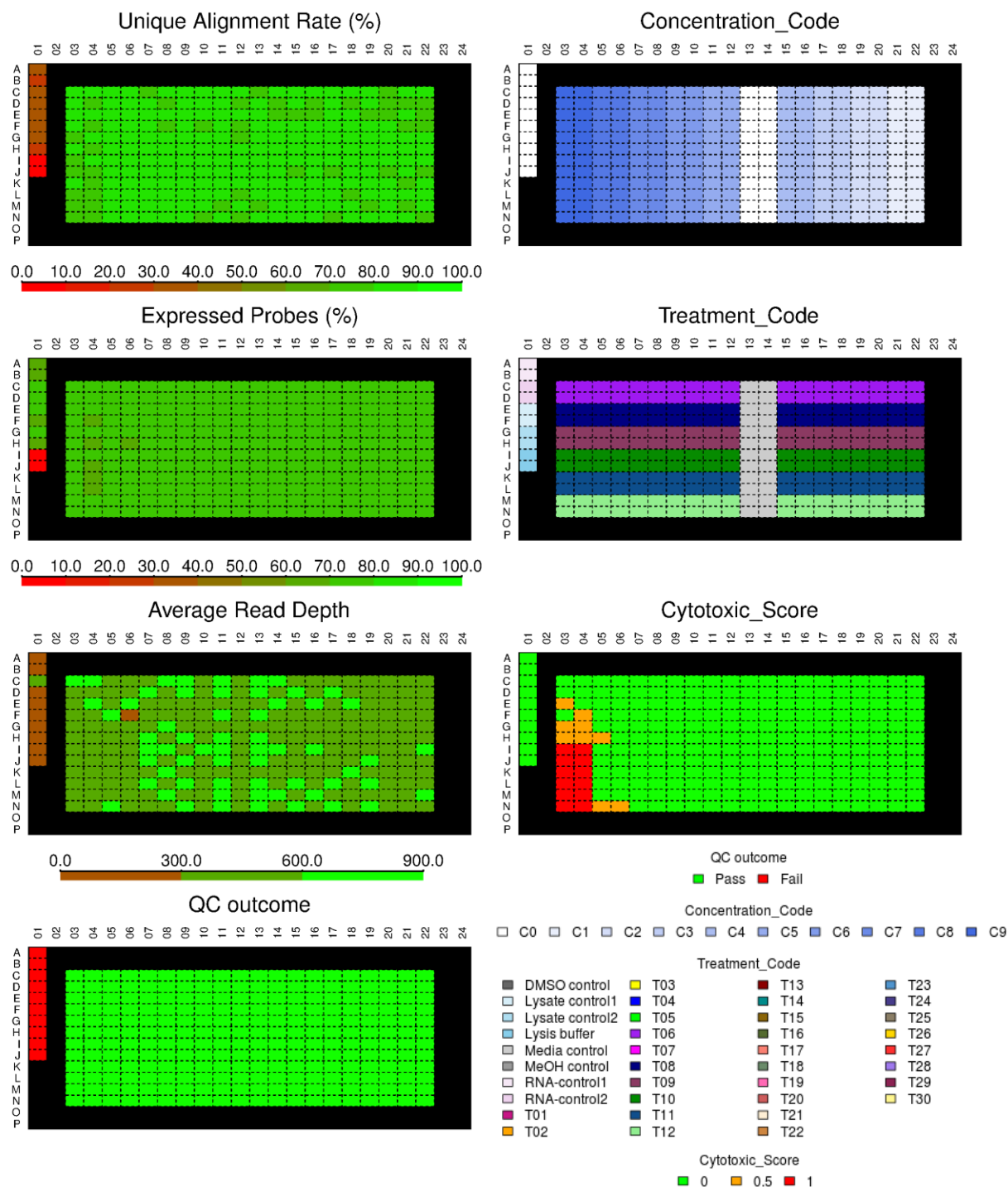
**Figure 14: 17-0907-P4R2**

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

**TGMX17: Plate-wise Sequencing**

**Plate: 17-0907-P5R2**



**Figure 15: 17-0907-P5R2**



# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

### Details of Passed Samples

**Details of all the Passed samples (sorted by Total Aligned Reads).** This information is also in the file "per\_sample\_summary.xlsx".

Fastq file prefix	Total Sequenced Reads	Per-base Sequence Quality	Per-base N Content	%Uniquely aligned reads	Total Aligned Reads	%Probes with >= 5 reads	Average Read Count	QC outcome
Plate1-B01	1,367,376	pass	pass	39.87%	545,177	64.15	161.01	Pass
Plate5-B01	1,414,665	pass	pass	42.46%	600,639	64.91	177.39	Pass
Plate3-F01	1,544,210	pass	pass	40.19%	620,661	69.79	183.30	Pass
Plate6-B01	1,557,283	pass	pass	40.23%	626,453	65.24	185.01	Pass
Plate4-B01	1,358,354	pass	pass	50.70%	688,725	65.92	203.40	Pass
Plate6-G21	812,660	pass	pass	86.77%	705,137	66.75	208.25	Pass
Plate3-B01	1,642,577	pass	pass	43.62%	716,472	65.89	211.60	Pass
Plate8-F01	1,728,905	pass	pass	41.63%	719,808	72.59	212.58	Pass
Plate2-B01	1,843,376	pass	pass	39.41%	726,432	66.83	214.54	Pass
Plate6-A01	1,637,772	pass	pass	44.71%	732,254	66.69	216.26	Pass
Plate7-B01	1,858,770	pass	pass	39.54%	734,988	66.69	217.07	Pass
Plate4-F01	1,811,984	pass	pass	40.62%	736,094	69.26	217.39	Pass
Plate3-A01	1,381,092	pass	pass	54.16%	748,052	68.37	220.92	Pass
Plate4-E01	1,710,602	pass	pass	43.90%	750,993	69.85	221.79	Pass
Plate9-D01	1,949,684	pass	pass	39.75%	774,983	67.37	228.88	Pass
Plate6-E21	939,422	pass	pass	86.14%	809,245	67.78	239.00	Pass
Plate8-E01	2,070,850	pass	pass	40.06%	829,643	74.04	245.02	Pass
Plate4-A01	1,748,587	pass	pass	47.99%	839,140	68.31	247.83	Pass
Plate6-N22	996,760	pass	pass	85.20%	849,284	66.51	250.82	Pass
Plate3-E01	2,123,597	pass	pass	42.14%	894,967	72.42	264.31	Pass
Plate3-G21	1,111,880	pass	pass	83.21%	925,208	68.34	273.25	Pass
Plate6-L22	1,101,334	pass	pass	85.45%	941,111	68.46	277.94	Pass
Plate8-A01	2,021,125	pass	pass	46.66%	943,041	73.12	278.51	Pass
Plate1-K22	1,089,379	pass	pass	86.89%	946,529	69.05	279.54	Pass
Plate7-L04	1,850,623	pass	pass	52.31%	968,045	74.19	285.90	Pass
Plate6-E08	1,182,604	pass	pass	81.91%	968,700	67.54	286.09	Pass
Plate5-G21	1,125,034	pass	pass	86.52%	973,392	68.31	287.48	Pass
Plate9-G21	1,268,168	pass	pass	77.60%	984,145	70.56	290.65	Pass
Plate5-H21	1,176,739	pass	pass	84.26%	991,475	66.54	292.82	Pass
Plate10-F06	1,206,516	pass	pass	82.27%	992,561	70.11	293.14	Pass
Plate1-C21	1,528,148	pass	pass	65.04%	993,844	59.92	293.52	Pass
Plate3-F21	1,172,739	pass	pass	84.98%	996,622	70.20	294.34	Pass
Plate2-C21	1,153,425	pass	pass	87.67%	1,011,245	70.61	298.65	Pass
Plate7-A01	1,777,024	pass	pass	57.02%	1,013,205	72.30	299.23	Pass
Plate6-J22	1,181,462	pass	pass	85.89%	1,014,715	68.75	299.68	Pass
Plate10-G21	1,262,815	pass	pass	80.99%	1,022,795	70.70	302.07	Pass
Plate9-E20	1,226,269	pass	pass	83.50%	1,023,898	69.29	302.39	Pass
Plate10-H06	1,240,538	pass	pass	82.65%	1,025,279	69.99	302.80	Pass
Plate8-F06	1,177,703	pass	pass	87.38%	1,029,107	72.00	303.93	Pass

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

Plate3-H21	1,192,053	pass	pass	86.42%	1,030,223	71.00	304.26	Pass
Plate7-E01	2,419,084	pass	pass	42.95%	1,038,927	73.57	306.83	Pass
Plate9-E21	1,273,064	pass	pass	81.63%	1,039,163	70.91	306.90	Pass
Plate6-G19	1,209,504	pass	pass	86.14%	1,041,913	68.81	307.71	Pass
Plate6-J20	1,269,895	pass	pass	83.00%	1,053,957	70.08	311.27	Pass
Plate4-F08	1,202,978	pass	pass	87.62%	1,054,058	69.79	311.30	Pass
Plate10-E21	1,315,493	pass	pass	80.37%	1,057,236	70.85	312.24	Pass
Plate4-F20	1,198,932	pass	pass	88.36%	1,059,327	71.44	312.85	Pass
Plate10-F20	1,299,843	pass	pass	81.83%	1,063,617	70.70	314.12	Pass
Plate8-L22	1,216,350	pass	pass	87.79%	1,067,777	69.05	315.35	Pass
Plate1-G21	1,651,679	pass	pass	65.42%	1,080,597	62.14	319.14	Pass
Plate9-E22	1,360,067	pass	pass	79.48%	1,080,957	69.64	319.24	Pass
Plate4-C01	2,267,670	pass	pass	47.74%	1,082,597	70.53	319.73	Pass
Plate7-K04	1,884,500	pass	pass	57.56%	1,084,753	75.55	320.36	Pass
Plate6-L12	1,285,882	pass	pass	84.71%	1,089,224	69.40	321.68	Pass
Plate9-C01	2,407,362	pass	pass	45.27%	1,089,904	70.20	321.89	Pass
Plate6-N20	1,280,188	pass	pass	86.02%	1,101,226	68.58	325.23	Pass
Plate5-J21	1,326,215	pass	pass	83.52%	1,107,690	69.73	327.14	Pass
Plate4-H20	1,279,984	pass	pass	87.07%	1,114,509	70.97	329.15	Pass
Plate9-G20	1,381,326	pass	pass	80.98%	1,118,635	71.59	330.37	Pass
Plate6-M21	1,301,973	pass	pass	85.98%	1,119,421	70.11	330.60	Pass
Plate7-D01	2,679,402	pass	pass	41.92%	1,123,308	71.50	331.75	Pass
Plate8-F12	1,286,490	pass	pass	87.46%	1,125,136	71.38	332.29	Pass
Plate8-J15	2,650,852	pass	pass	42.45%	1,125,354	57.24	332.35	Pass
Plate4-H06	1,259,223	pass	pass	89.45%	1,126,327	69.64	332.64	Pass
Plate3-C01	1,912,922	pass	pass	58.91%	1,126,958	70.97	332.83	Pass
Plate10-F04	1,428,583	pass	pass	79.32%	1,133,097	69.70	334.64	Pass
Plate9-C21	1,399,579	pass	pass	81.24%	1,137,054	71.47	335.81	Pass
Plate8-F20	1,285,023	pass	pass	88.56%	1,137,991	71.65	336.09	Pass
Plate7-L03	2,108,119	pass	pass	54.00%	1,138,330	76.82	336.19	Pass
Plate5-F21	1,377,658	pass	pass	82.72%	1,139,585	69.64	336.56	Pass
Plate8-N03	1,362,039	pass	pass	83.70%	1,139,986	70.82	336.68	Pass
Plate6-C01	2,608,939	pass	pass	43.85%	1,144,135	71.56	337.90	Pass
Plate5-K21	1,308,359	pass	pass	87.67%	1,147,048	70.23	338.76	Pass
Plate8-H20	1,343,393	pass	pass	85.61%	1,150,029	70.91	339.64	Pass
Plate6-L06	1,332,942	pass	pass	86.31%	1,150,522	72.18	339.79	Pass
Plate10-F12	1,453,633	pass	pass	79.32%	1,152,966	71.20	340.51	Pass
Plate5-M21	1,318,887	pass	pass	87.58%	1,155,028	69.46	341.12	Pass
Plate10-C21	1,426,756	pass	pass	81.19%	1,158,424	71.26	342.12	Pass
Plate8-D01	2,600,843	pass	pass	44.82%	1,165,677	71.74	344.26	Pass
Plate10-H04	1,522,849	pass	pass	76.58%	1,166,212	69.61	344.42	Pass
Plate3-E21	1,370,975	pass	pass	85.29%	1,169,277	70.56	345.33	Pass
Plate3-J21	1,355,872	pass	pass	86.33%	1,170,579	72.12	345.71	Pass
Plate5-G10	1,370,006	pass	pass	85.46%	1,170,809	70.05	345.78	Pass
Plate4-F22	1,324,349	pass	pass	88.59%	1,173,287	71.44	346.51	Pass
Plate1-L03	1,718,875	pass	pass	68.31%	1,174,160	67.66	346.77	Pass

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

Plate1-K04	1,655,579	pass	pass	70.95%	1,174,565	66.98	346.89	Pass
Plate4-G20	1,346,666	pass	pass	87.71%	1,181,162	72.03	348.84	Pass
Plate1-G20	1,350,256	pass	pass	87.48%	1,181,221	72.83	348.85	Pass
Plate5-E21	1,341,403	pass	pass	88.09%	1,181,648	68.49	348.98	Pass
Plate10-D08	1,493,391	pass	pass	79.29%	1,184,065	71.94	349.69	Pass
Plate9-C22	1,464,149	pass	pass	80.94%	1,185,073	71.23	349.99	Pass
Plate7-F21	1,425,575	pass	pass	83.20%	1,186,102	71.56	350.30	Pass
Plate10-L06	1,427,048	pass	pass	83.23%	1,187,682	71.23	350.76	Pass
Plate10-F10	1,504,437	pass	pass	78.99%	1,188,284	71.00	350.94	Pass
Plate7-G20	1,384,719	pass	pass	86.01%	1,190,929	71.53	351.72	Pass
Plate1-K21	1,468,888	pass	pass	81.21%	1,192,827	71.53	352.28	Pass
Plate6-K21	1,389,314	pass	pass	85.96%	1,194,314	69.79	352.72	Pass
Plate8-H06	1,367,211	pass	pass	87.49%	1,196,172	71.47	353.27	Pass
Plate8-K22	1,348,605	pass	pass	88.75%	1,196,919	70.44	353.49	Pass
Plate1-F16	2,132,832	pass	pass	56.16%	1,197,850	64.62	353.77	Pass
Plate10-J06	1,446,343	pass	pass	82.89%	1,198,940	71.71	354.09	Pass
Plate3-D01	2,546,608	pass	pass	47.14%	1,200,584	71.88	354.57	Pass
Plate7-M18	1,431,829	pass	pass	83.92%	1,201,656	70.88	354.89	Pass
Plate10-H20	1,464,282	pass	pass	82.09%	1,202,086	71.77	355.02	Pass
Plate6-H12	1,423,642	pass	pass	84.48%	1,202,643	70.56	355.18	Pass
Plate8-C21	2,017,900	pass	pass	59.64%	1,203,387	63.76	355.40	Pass
Plate8-K20	1,388,864	pass	pass	86.67%	1,203,682	71.03	355.49	Pass
Plate3-C21	1,399,434	pass	pass	86.26%	1,207,204	70.35	356.53	Pass
Plate6-K17	1,453,036	pass	pass	83.26%	1,209,828	71.26	357.30	Pass
Plate4-D12	1,395,974	pass	pass	86.83%	1,212,057	72.65	357.96	Pass
Plate1-K20	1,445,382	pass	pass	84.03%	1,214,492	72.12	358.68	Pass
Plate9-G22	1,525,420	pass	pass	79.69%	1,215,539	71.77	358.99	Pass
Plate5-G04	1,411,892	pass	pass	86.09%	1,215,545	69.17	358.99	Pass
Plate7-L16	1,484,945	pass	pass	82.00%	1,217,632	72.12	359.61	Pass
Plate8-N05	1,377,599	pass	pass	88.48%	1,218,875	71.32	359.97	Pass
Plate7-G21	1,469,429	pass	pass	82.95%	1,218,955	66.30	360.00	Pass
Plate6-E19	1,447,708	pass	pass	84.34%	1,220,973	71.00	360.59	Pass
Plate1-G22	1,381,500	pass	pass	88.41%	1,221,426	72.45	360.73	Pass
Plate8-J07	2,575,048	pass	pass	47.56%	1,224,684	59.45	361.69	Pass
Plate5-D21	1,471,731	pass	pass	83.22%	1,224,751	70.85	361.71	Pass
Plate6-N12	1,414,000	pass	pass	86.98%	1,229,884	70.61	363.23	Pass
Plate10-H14	1,500,961	pass	pass	82.11%	1,232,368	72.15	363.96	Pass
Plate10-D20	1,608,946	pass	pass	76.70%	1,234,028	72.36	364.45	Pass
Plate1-C04	1,625,586	pass	pass	75.93%	1,234,332	72.12	364.54	Pass
Plate6-H14	1,459,997	pass	pass	84.56%	1,234,599	70.35	364.62	Pass
Plate3-M21	1,415,933	pass	pass	87.21%	1,234,864	71.88	364.70	Pass
Plate6-N06	1,426,084	pass	pass	86.66%	1,235,806	70.26	364.98	Pass
Plate4-H22	1,369,754	pass	pass	90.36%	1,237,764	71.41	365.55	Pass
Plate4-H14	1,393,726	pass	pass	88.91%	1,239,146	71.94	365.96	Pass
Plate6-C10	2,350,379	pass	pass	52.86%	1,242,340	60.16	366.90	Pass
Plate6-C21	1,494,428	pass	pass	83.20%	1,243,300	68.96	367.19	Pass

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

Plate4-D04	1,441,890	pass	pass	86.31%	1,244,475	71.20	367.54	Pass
Plate10-H10	1,494,153	pass	pass	83.30%	1,244,606	72.00	367.57	Pass
Plate10-H21	1,478,208	pass	pass	84.20%	1,244,619	71.62	367.58	Pass
Plate4-C22	1,443,783	pass	pass	86.33%	1,246,412	72.74	368.11	Pass
Plate10-D06	1,516,041	pass	pass	82.33%	1,248,146	72.09	368.62	Pass
Plate1-M19	1,435,777	pass	pass	86.97%	1,248,628	71.09	368.76	Pass
Plate1-M21	1,815,515	pass	pass	68.79%	1,248,841	63.05	368.82	Pass
Plate6-I21	1,479,544	pass	pass	84.42%	1,249,065	69.31	368.89	Pass
Plate2-F20	1,507,146	pass	pass	82.97%	1,250,409	70.61	369.29	Pass
Plate10-H12	1,539,411	pass	pass	81.23%	1,250,484	72.36	369.31	Pass
Plate2-M21	1,450,705	pass	pass	86.26%	1,251,432	71.94	369.59	Pass
Plate10-F16	1,559,459	pass	pass	80.25%	1,251,533	72.53	369.62	Pass
Plate1-H21	1,497,252	pass	pass	83.71%	1,253,321	70.53	370.15	Pass
Plate7-H21	1,479,479	pass	pass	84.89%	1,255,960	70.70	370.93	Pass
Plate8-J12	1,441,594	pass	pass	87.16%	1,256,536	72.89	371.10	Pass
Plate2-M07	1,511,424	pass	pass	83.45%	1,261,327	71.56	372.51	Pass
Plate1-G19	1,450,051	pass	pass	87.10%	1,262,947	72.18	372.99	Pass
Plate10-D04	1,617,411	pass	pass	78.10%	1,263,242	71.68	373.08	Pass
Plate6-D20	1,493,981	pass	pass	84.58%	1,263,666	71.09	373.20	Pass
Plate10-J20	1,595,222	pass	pass	79.35%	1,265,799	72.95	373.83	Pass
Plate10-H22	1,546,921	pass	pass	81.86%	1,266,335	72.59	373.99	Pass
Plate7-D21	1,512,558	pass	pass	83.77%	1,267,064	70.64	374.21	Pass
Plate10-L04	1,669,103	pass	pass	76.04%	1,269,244	67.96	374.85	Pass
Plate10-J04	1,762,511	pass	pass	72.08%	1,270,362	69.08	375.18	Pass
Plate7-E21	1,461,572	pass	pass	87.02%	1,271,907	71.20	375.64	Pass
Plate10-N04	1,754,067	pass	pass	72.60%	1,273,504	70.32	376.11	Pass
Plate4-F14	1,442,875	pass	pass	88.29%	1,273,944	72.21	376.24	Pass
Plate8-F22	1,436,112	pass	pass	88.88%	1,276,407	72.15	376.97	Pass
Plate4-F12	1,465,904	pass	pass	87.25%	1,278,941	70.91	377.71	Pass
Plate2-K21	1,537,601	pass	pass	83.20%	1,279,222	72.36	377.80	Pass
Plate6-J12	1,529,522	pass	pass	83.72%	1,280,537	72.36	378.19	Pass
Plate1-L04	2,042,137	pass	pass	62.83%	1,283,131	68.04	378.95	Pass
Plate1-I21	1,484,504	pass	pass	86.52%	1,284,457	71.50	379.34	Pass
Plate1-K03	2,397,525	pass	pass	53.58%	1,284,511	66.15	379.36	Pass
Plate7-E20	1,503,868	pass	pass	85.51%	1,285,888	71.03	379.77	Pass
Plate6-H20	1,541,792	pass	pass	83.42%	1,286,184	71.09	379.85	Pass
Plate8-N17	1,471,692	pass	pass	87.52%	1,288,005	70.56	380.39	Pass
Plate5-G06	1,449,059	pass	pass	89.07%	1,290,671	69.31	381.18	Pass
Plate2-G20	1,507,338	pass	pass	85.74%	1,292,394	72.06	381.69	Pass
Plate10-H08	1,567,752	pass	pass	82.45%	1,292,578	72.21	381.74	Pass
Plate9-M21	1,553,169	pass	pass	83.23%	1,292,712	70.44	381.78	Pass
Plate8-E20	1,472,398	pass	pass	87.89%	1,294,122	71.68	382.20	Pass
Plate4-F10	1,468,763	pass	pass	88.15%	1,294,739	73.27	382.38	Pass
Plate8-H22	1,457,428	pass	pass	88.87%	1,295,170	71.80	382.51	Pass
Plate1-C22	1,506,693	pass	pass	86.01%	1,295,882	71.88	382.72	Pass
Plate1-M05	1,543,352	pass	pass	83.97%	1,295,932	71.41	382.73	Pass

# DETAILED SUMMARY

## Quality Control Report: Tempo-Seq Data

Plate8-N20	1,482,583	pass	pass	87.46%	1,296,652	72.33	382.95	Pass
Plate5-I21	1,497,650	pass	pass	86.61%	1,297,088	70.32	383.07	Pass
Plate5-N03	1,667,542	pass	pass	77.88%	1,298,628	69.26	383.53	Pass
Plate7-M20	1,592,089	pass	pass	81.62%	1,299,468	72.50	383.78	Pass
Plate6-K04	2,022,300	pass	pass	64.61%	1,306,589	71.35	385.88	Pass
Plate10-D22	1,746,016	pass	pass	74.87%	1,307,258	71.62	386.08	Pass
Plate6-D22	1,502,543	pass	pass	87.05%	1,307,923	71.09	386.27	Pass
Plate4-D22	1,480,560	pass	pass	88.39%	1,308,633	70.97	386.48	Pass
Plate9-K20	1,613,631	pass	pass	81.11%	1,308,750	72.56	386.52	Pass
Plate2-C19	1,529,876	pass	pass	85.65%	1,310,326	72.09	386.98	Pass
Plate8-H05	1,475,362	pass	pass	88.88%	1,311,247	73.04	387.26	Pass
Plate1-M22	1,493,708	pass	pass	87.94%	1,313,503	72.27	387.92	Pass
Plate10-F08	1,663,312	pass	pass	79.01%	1,314,213	72.42	388.13	Pass
Plate7-F12	1,530,538	pass	pass	86.04%	1,316,925	71.65	388.93	Pass
Plate7-F06	1,541,156	pass	pass	85.46%	1,317,061	71.94	388.97	Pass
Plate7-C01	2,605,634	pass	pass	50.56%	1,317,470	72.98	389.09	Pass
Plate3-G19	1,551,377	pass	pass	84.96%	1,318,096	72.03	389.28	Pass
Plate8-H14	1,489,340	pass	pass	88.59%	1,319,374	72.47	389.66	Pass
Plate7-K20	1,588,037	pass	pass	83.20%	1,321,203	71.77	390.20	Pass
Plate5-H19	1,556,466	pass	pass	84.90%	1,321,446	70.67	390.27	Pass
Plate9-M22	1,640,571	pass	pass	80.70%	1,324,013	71.06	391.03	Pass
Plate5-J17	1,605,010	pass	pass	82.51%	1,324,237	72.27	391.09	Pass
Plate3-F19	1,551,107	pass	pass	85.43%	1,325,056	73.39	391.33	Pass
Plate6-J18	1,613,467	pass	pass	82.18%	1,325,950	71.97	391.60	Pass
Plate3-K21	1,531,692	pass	pass	86.66%	1,327,438	71.88	392.04	Pass
Plate7-G22	1,552,280	pass	pass	85.74%	1,330,939	71.88	393.07	Pass
Plate9-C20	1,650,783	pass	pass	80.63%	1,331,087	72.03	393.11	Pass
Plate9-K22	1,621,424	pass	pass	82.24%	1,333,434	71.26	393.81	Pass
Plate10-D12	1,709,576	pass	pass	78.34%	1,339,229	72.65	395.52	Pass
Plate7-M22	1,608,132	pass	pass	83.30%	1,339,503	72.53	395.60	Pass
Plate9-F21	1,669,547	pass	pass	80.24%	1,339,609	73.04	395.63	Pass
Plate2-F12	1,596,765	pass	pass	83.90%	1,339,705	72.62	395.66	Pass
Plate9-H21	1,680,562	pass	pass	79.77%	1,340,589	71.53	395.92	Pass
Plate1-E22	1,504,576	pass	pass	89.14%	1,341,126	71.85	396.08	Pass
Plate10-F14	1,645,452	pass	pass	81.52%	1,341,370	72.89	396.15	Pass
Plate5-C21	1,579,626	pass	pass	85.03%	1,343,159	69.94	396.68	Pass
Plate5-G20	1,540,133	pass	pass	87.37%	1,345,655	70.17	397.42	Pass
Plate4-K22	1,505,896	pass	pass	89.38%	1,345,899	71.65	397.49	Pass
Plate4-M21	1,508,728	pass	pass	89.23%	1,346,247	72.74	397.59	Pass
Plate5-L21	1,588,194	pass	pass	84.82%	1,347,028	70.94	397.82	Pass
Plate1-M03	1,566,892	pass	pass	85.98%	1,347,174	73.12	397.87	Pass
Plate8-M22	1,562,824	pass	pass	86.22%	1,347,437	70.94	397.94	Pass
Plate10-N06	1,678,974	pass	pass	80.35%	1,349,000	72.18	398.41	Pass
Plate4-C20	1,546,443	pass	pass	87.26%	1,349,353	72.89	398.51	Pass
Plate6-M09	1,586,202	pass	pass	85.18%	1,351,155	70.73	399.04	Pass
Plate1-I19	1,595,914	pass	pass	84.67%	1,351,309	71.23	399.09	Pass



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Plate1-M07	1,623,879	pass	pass	83.23%	1,351,617	72.24	399.18	Pass
Plate6-E17	1,576,492	pass	pass	85.79%	1,352,456	71.23	399.43	Pass
Plate6-L20	1,643,416	pass	pass	82.55%	1,356,560	69.40	400.64	Pass
Plate9-M20	1,701,682	pass	pass	79.87%	1,359,166	70.88	401.41	Pass
Plate5-G14	1,548,444	pass	pass	87.80%	1,359,553	71.65	401.52	Pass
Plate10-J16	1,686,577	pass	pass	80.72%	1,361,329	72.09	402.05	Pass
Plate10-K21	1,766,535	pass	pass	77.06%	1,361,344	72.27	402.05	Pass
Plate4-M12	2,097,012	pass	pass	64.94%	1,361,872	65.00	402.21	Pass
Plate6-M10	2,285,110	pass	pass	59.61%	1,362,259	62.46	402.32	Pass
Plate3-F05	1,589,793	pass	pass	85.82%	1,364,389	72.95	402.95	Pass
Plate3-K20	1,625,737	pass	pass	83.97%	1,365,063	72.24	403.15	Pass
Plate6-F21	1,635,051	pass	pass	83.55%	1,366,071	71.12	403.45	Pass
Plate7-N10	1,626,915	pass	pass	84.04%	1,367,184	72.53	403.78	Pass
Plate3-K17	1,546,499	pass	pass	88.41%	1,367,319	72.27	403.82	Pass
Plate2-M06	1,624,257	pass	pass	84.21%	1,367,740	71.77	403.94	Pass
Plate3-N21	1,596,899	pass	pass	85.68%	1,368,284	71.56	404.10	Pass
Plate9-K21	1,808,106	pass	pass	75.72%	1,369,110	71.00	404.34	Pass
Plate9-M06	1,642,366	pass	pass	83.39%	1,369,524	72.00	404.47	Pass
Plate5-M03	2,420,242	pass	pass	56.61%	1,370,055	63.61	404.62	Pass
Plate8-D22	1,548,790	pass	pass	88.57%	1,371,823	69.37	405.15	Pass
Plate9-D21	1,662,800	pass	pass	82.51%	1,372,049	72.33	405.21	Pass
Plate5-N07	1,633,129	pass	pass	84.05%	1,372,635	70.53	405.39	Pass
Plate6-L04	2,129,785	pass	pass	64.66%	1,377,079	69.67	406.70	Pass
Plate4-M22	1,560,362	pass	pass	88.28%	1,377,564	71.47	406.84	Pass
Plate4-N04	1,642,967	pass	pass	83.91%	1,378,582	69.17	407.14	Pass
Plate2-M18	1,616,287	pass	pass	85.40%	1,380,331	72.95	407.66	Pass
Plate1-G12	1,580,361	pass	pass	87.36%	1,380,584	73.10	407.73	Pass
Plate6-H21	1,602,847	pass	pass	86.22%	1,381,900	71.09	408.12	Pass
Plate2-K05	1,794,679	pass	pass	77.06%	1,383,015	72.45	408.45	Pass
Plate8-H12	1,575,026	pass	pass	87.92%	1,384,688	72.98	408.95	Pass
Plate4-D01	3,043,037	pass	pass	45.57%	1,386,780	73.18	409.56	Pass
Plate8-H10	1,575,365	pass	pass	88.42%	1,393,016	72.50	411.40	Pass
Plate1-C03	2,227,326	pass	pass	62.60%	1,394,226	72.80	411.76	Pass
Plate2-K12	1,716,206	pass	pass	81.26%	1,394,659	72.50	411.89	Pass
Plate4-G10	1,584,411	pass	pass	88.15%	1,396,711	71.80	412.50	Pass
Plate4-H10	1,561,563	pass	pass	89.50%	1,397,585	72.56	412.75	Pass
Plate3-M03	1,638,143	pass	pass	85.35%	1,398,230	71.50	412.94	Pass
Plate7-F20	1,645,357	pass	pass	84.98%	1,398,284	71.97	412.96	Pass
Plate1-K19	2,270,612	pass	pass	61.59%	1,398,428	64.24	413.00	Pass
Plate2-M12	1,671,372	pass	pass	83.74%	1,399,685	71.71	413.37	Pass
Plate1-D04	2,131,073	pass	pass	65.70%	1,400,134	72.53	413.51	Pass
Plate4-G22	1,592,082	pass	pass	88.00%	1,401,041	72.89	413.77	Pass
Plate10-G19	1,710,827	pass	pass	81.98%	1,402,500	73.57	414.21	Pass
Plate2-M22	1,628,501	pass	pass	86.15%	1,402,926	72.36	414.33	Pass
Plate2-E06	1,632,867	pass	pass	85.94%	1,403,255	72.80	414.43	Pass
Plate4-M07	1,564,986	pass	pass	89.67%	1,403,309	70.97	414.44	Pass

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Plate6-L03	2,233,993	pass	pass	62.85%	1,404,061	70.32	414.67	Pass
Plate4-F18	1,613,242	pass	pass	87.04%	1,404,219	71.85	414.71	Pass
Plate5-N05	1,669,753	pass	pass	84.17%	1,405,380	70.82	415.06	Pass
Plate8-N11	1,601,938	pass	pass	87.80%	1,406,426	71.80	415.37	Pass
Plate7-E22	1,662,215	pass	pass	84.69%	1,407,733	72.39	415.75	Pass
Plate2-E19	1,654,456	pass	pass	85.15%	1,408,809	73.10	416.07	Pass
Plate7-L12	1,702,617	pass	pass	82.86%	1,410,806	72.36	416.66	Pass
Plate8-M06	1,605,012	pass	pass	87.95%	1,411,583	70.79	416.89	Pass
Plate5-E20	1,629,591	pass	pass	86.67%	1,412,424	71.20	417.14	Pass
Plate1-C19	1,635,085	pass	pass	86.39%	1,412,600	71.53	417.19	Pass
Plate10-D14	1,966,247	pass	pass	71.87%	1,413,055	72.30	417.32	Pass
Plate2-K20	1,667,409	pass	pass	84.79%	1,413,757	72.33	417.53	Pass
Plate7-C21	1,646,494	pass	pass	85.91%	1,414,467	71.41	417.74	Pass
Plate10-D16	1,835,593	pass	pass	77.07%	1,414,690	72.15	417.81	Pass
Plate1-E19	2,132,272	pass	pass	66.39%	1,415,691	66.75	418.10	Pass
Plate1-E18	1,669,415	pass	pass	84.92%	1,417,747	73.15	418.71	Pass
Plate6-F17	1,690,372	pass	pass	83.90%	1,418,285	72.47	418.87	Pass
Plate8-M13	1,633,513	pass	pass	86.86%	1,418,807	72.47	419.02	Pass
Plate9-M04	1,941,984	pass	pass	73.13%	1,420,113	69.52	419.41	Pass
Plate7-J21	1,723,495	pass	pass	82.41%	1,420,303	70.38	419.46	Pass
Plate5-F13	1,664,953	pass	pass	85.37%	1,421,416	72.33	419.79	Pass
Plate4-E12	1,671,019	pass	pass	85.07%	1,421,471	73.01	419.81	Pass
Plate3-I21	1,673,498	pass	pass	84.96%	1,421,812	72.98	419.91	Pass
Plate3-D19	1,723,751	pass	pass	82.49%	1,421,896	71.85	419.93	Pass
Plate2-E12	1,670,098	pass	pass	85.17%	1,422,438	73.48	420.09	Pass
Plate8-F18	1,622,855	pass	pass	87.66%	1,422,597	71.97	420.14	Pass
Plate8-M18	1,638,481	pass	pass	86.83%	1,422,685	70.29	420.17	Pass
Plate5-C04	1,661,587	pass	pass	85.62%	1,422,721	71.20	420.18	Pass
Plate2-E20	1,742,356	pass	pass	81.67%	1,422,994	72.30	420.26	Pass
Plate8-F14	1,611,257	pass	pass	88.35%	1,423,555	73.15	420.42	Pass
Plate4-K09	2,315,234	pass	pass	61.51%	1,424,089	60.75	420.58	Pass
Plate7-G16	1,633,659	pass	pass	87.18%	1,424,296	72.56	420.64	Pass
Plate10-F18	1,781,236	pass	pass	80.02%	1,425,408	72.42	420.97	Pass
Plate6-F20	1,946,398	pass	pass	73.24%	1,425,587	67.22	421.02	Pass
Plate2-E10	1,687,368	pass	pass	84.51%	1,426,023	73.36	421.15	Pass
Plate8-N16	1,601,954	pass	pass	89.14%	1,427,956	72.77	421.72	Pass
Plate2-H20	1,687,005	pass	pass	84.70%	1,428,936	73.77	422.01	Pass
Plate7-N12	1,741,381	pass	pass	82.06%	1,429,054	73.27	422.05	Pass
Plate7-J12	1,705,551	pass	pass	83.85%	1,430,091	73.21	422.35	Pass
Plate6-F10	2,145,022	pass	pass	66.68%	1,430,311	65.21	422.42	Pass
Plate6-K03	2,099,900	pass	pass	68.12%	1,430,482	69.46	422.47	Pass
Plate6-N04	1,663,745	pass	pass	86.10%	1,432,460	71.47	423.05	Pass
Plate5-C06	1,647,012	pass	pass	86.99%	1,432,697	71.38	423.12	Pass
Plate6-F12	2,039,224	pass	pass	70.26%	1,432,710	67.75	423.13	Pass
Plate8-C20	1,626,814	pass	pass	88.14%	1,433,873	71.29	423.47	Pass
Plate3-G17	1,694,917	pass	pass	84.63%	1,434,485	72.33	423.65	Pass

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Plate7-I22	1,710,730	pass	pass	83.86%	1,434,667	72.06	423.71	Pass
Plate5-N17	1,728,588	pass	pass	83.00%	1,434,757	71.32	423.73	Pass
Plate1-F04	1,954,857	pass	pass	73.45%	1,435,793	69.79	424.04	Pass
Plate1-E20	1,710,900	pass	pass	83.95%	1,436,299	71.68	424.19	Pass
Plate8-G12	1,625,569	pass	pass	88.46%	1,438,002	72.15	424.69	Pass
Plate5-G12	1,705,854	pass	pass	84.30%	1,438,040	71.20	424.70	Pass
Plate7-L06	1,696,939	pass	pass	84.94%	1,441,389	73.36	425.69	Pass
Plate7-H06	1,720,179	pass	pass	83.80%	1,441,519	71.03	425.73	Pass
Plate8-G20	1,645,633	pass	pass	87.61%	1,441,723	71.74	425.79	Pass
Plate5-L19	1,719,244	pass	pass	83.87%	1,441,844	71.97	425.83	Pass
Plate6-K07	1,663,429	pass	pass	86.68%	1,441,893	72.59	425.84	Pass
Plate5-G18	1,657,643	pass	pass	86.99%	1,441,978	70.76	425.86	Pass
Plate6-M19	1,729,421	pass	pass	83.39%	1,442,190	71.00	425.93	Pass
Plate5-L07	1,705,760	pass	pass	84.57%	1,442,479	71.06	426.01	Pass
Plate7-N08	1,909,123	pass	pass	75.57%	1,442,804	69.11	426.11	Pass
Plate1-I15	1,975,998	pass	pass	73.03%	1,443,043	64.41	426.18	Pass
Plate10-H16	1,739,643	pass	pass	82.96%	1,443,235	73.45	426.24	Pass
Plate7-K03	2,316,515	pass	pass	62.32%	1,443,695	77.91	426.37	Pass
Plate8-J19	2,582,959	pass	pass	55.91%	1,444,006	61.02	426.46	Pass
Plate7-K16	1,710,653	pass	pass	84.45%	1,444,592	73.07	426.64	Pass
Plate3-G20	1,678,417	pass	pass	86.09%	1,444,889	74.07	426.72	Pass
Plate7-N06	1,721,948	pass	pass	83.91%	1,444,963	72.74	426.75	Pass
Plate5-J19	1,781,730	pass	pass	81.16%	1,446,115	71.00	427.09	Pass
Plate5-N21	1,793,746	pass	pass	80.67%	1,447,079	72.39	427.37	Pass
Plate3-H05	1,635,246	pass	pass	88.50%	1,447,152	73.39	427.39	Pass
Plate2-F06	1,697,420	pass	pass	85.40%	1,449,545	73.54	428.10	Pass
Plate7-C22	1,694,986	pass	pass	85.55%	1,450,025	72.24	428.24	Pass
Plate2-H06	1,781,962	pass	pass	81.38%	1,450,173	73.39	428.28	Pass
Plate2-K07	1,693,835	pass	pass	85.63%	1,450,373	73.80	428.34	Pass
Plate7-G12	1,671,890	pass	pass	86.84%	1,451,868	72.71	428.79	Pass
Plate3-F03	1,649,428	pass	pass	88.06%	1,452,535	73.63	428.98	Pass
Plate1-E04	1,713,423	pass	pass	84.78%	1,452,671	72.18	429.02	Pass
Plate8-J20	1,676,175	pass	pass	86.68%	1,452,895	72.06	429.09	Pass
Plate5-L03	1,856,687	pass	pass	78.27%	1,453,227	68.67	429.19	Pass
Plate4-N22	1,636,237	pass	pass	88.82%	1,453,252	73.51	429.19	Pass
Plate3-H06	1,758,629	pass	pass	82.64%	1,453,392	74.25	429.24	Pass
Plate2-M20	1,693,018	pass	pass	85.90%	1,454,296	72.30	429.50	Pass
Plate5-F19	1,723,676	pass	pass	84.41%	1,454,975	72.00	429.70	Pass
Plate5-E19	1,652,377	pass	pass	88.09%	1,455,595	70.58	429.89	Pass
Plate8-C22	1,650,434	pass	pass	88.25%	1,456,504	70.79	430.15	Pass
Plate2-G12	1,727,346	pass	pass	84.36%	1,457,183	72.18	430.36	Pass
Plate9-G12	1,783,548	pass	pass	81.72%	1,457,508	73.15	430.45	Pass
Plate10-D18	1,979,597	pass	pass	73.64%	1,457,868	72.83	430.56	Pass
Plate4-L10	1,655,301	pass	pass	88.12%	1,458,731	72.12	430.81	Pass
Plate9-I21	1,762,956	pass	pass	82.78%	1,459,407	72.36	431.01	Pass
Plate10-L12	1,931,889	pass	pass	75.56%	1,459,670	73.86	431.09	Pass



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Plate4-K03	1,712,754	pass	pass	85.29%	1,460,868	69.46	431.44	Pass
Plate7-M06	1,681,722	pass	pass	86.92%	1,461,749	72.77	431.70	Pass
Plate7-K12	1,740,750	pass	pass	83.98%	1,461,941	73.66	431.76	Pass
Plate10-K19	1,768,772	pass	pass	82.72%	1,463,151	73.83	432.12	Pass
Plate5-M04	1,823,835	pass	pass	80.23%	1,463,290	68.25	432.16	Pass
Plate1-F14	2,287,714	pass	pass	63.98%	1,463,645	66.48	432.26	Pass
Plate2-C22	1,669,894	pass	pass	87.66%	1,463,761	72.83	432.30	Pass
Plate1-L07	1,672,362	pass	pass	87.54%	1,463,957	72.45	432.36	Pass
Plate4-N03	1,679,063	pass	pass	87.20%	1,464,209	70.35	432.43	Pass
Plate8-E22	1,646,236	pass	pass	88.95%	1,464,352	72.92	432.47	Pass
Plate4-C05	1,646,563	pass	pass	88.97%	1,465,022	72.45	432.67	Pass
Plate8-L18	1,677,423	pass	pass	87.34%	1,465,033	71.88	432.67	Pass
Plate5-G22	1,696,390	pass	pass	86.36%	1,465,059	71.65	432.68	Pass
Plate5-E18	1,698,199	pass	pass	86.39%	1,467,095	71.74	433.28	Pass
Plate10-K17	1,798,133	pass	pass	81.62%	1,467,637	73.92	433.44	Pass
Plate7-N16	1,818,745	pass	pass	80.72%	1,468,174	73.30	433.60	Pass
Plate2-F22	1,670,611	pass	pass	87.95%	1,469,312	73.15	433.94	Pass
Plate5-E10	1,724,858	pass	pass	85.22%	1,470,003	70.73	434.14	Pass
Plate4-G05	1,661,630	pass	pass	88.55%	1,471,401	73.33	434.55	Pass
Plate7-K06	1,696,490	pass	pass	86.74%	1,471,612	74.07	434.62	Pass
Plate7-H12	1,768,081	pass	pass	83.29%	1,472,552	71.12	434.89	Pass
Plate7-J20	1,867,536	pass	pass	78.88%	1,473,171	72.71	435.08	Pass
Plate7-K22	1,734,036	pass	pass	84.98%	1,473,533	72.71	435.18	Pass
Plate10-F21	1,844,487	pass	pass	79.92%	1,474,123	72.18	435.36	Pass
Plate1-C14	2,294,888	pass	pass	64.32%	1,476,132	64.74	435.95	Pass
Plate5-H17	1,722,041	pass	pass	85.72%	1,476,164	72.06	435.96	Pass
Plate6-H16	1,750,224	pass	pass	84.35%	1,476,278	71.41	435.99	Pass
Plate4-M03	1,677,114	pass	pass	88.04%	1,476,493	70.44	436.06	Pass
Plate2-G10	1,679,838	pass	pass	87.91%	1,476,695	72.83	436.12	Pass
Plate5-K17	1,691,993	pass	pass	87.29%	1,476,972	72.06	436.20	Pass
Plate2-I21	1,804,358	pass	pass	81.91%	1,477,888	71.88	436.47	Pass
Plate7-E12	1,735,647	pass	pass	85.21%	1,478,972	72.53	436.79	Pass
Plate9-G19	1,813,369	pass	pass	81.64%	1,480,439	73.15	437.22	Pass
Plate5-M15	2,332,762	pass	pass	63.50%	1,481,233	62.40	437.46	Pass
Plate1-I06	1,668,848	pass	pass	88.78%	1,481,642	70.97	437.58	Pass
Plate2-M10	1,759,495	pass	pass	84.24%	1,482,177	72.42	437.74	Pass
Plate3-F06	1,701,056	pass	pass	87.21%	1,483,516	73.66	438.13	Pass
Plate2-M11	1,774,995	pass	pass	83.62%	1,484,276	72.65	438.36	Pass
Plate2-M19	1,788,810	pass	pass	83.04%	1,485,509	72.30	438.72	Pass
Plate4-N06	1,654,554	pass	pass	89.84%	1,486,449	72.89	439.00	Pass
Plate8-K07	1,728,401	pass	pass	86.05%	1,487,334	74.75	439.26	Pass
Plate8-D18	2,524,807	pass	pass	58.96%	1,488,596	63.02	439.63	Pass
Plate5-G16	1,712,900	pass	pass	86.91%	1,488,618	70.53	439.64	Pass
Plate5-K10	1,745,463	pass	pass	85.30%	1,488,924	71.74	439.73	Pass
Plate4-K07	1,675,633	pass	pass	88.86%	1,489,005	72.98	439.75	Pass
Plate1-J21	1,842,504	pass	pass	80.84%	1,489,532	71.71	439.91	Pass

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Plate4-G16	1,672,280	pass	pass	89.19%	1,491,524	73.60	440.50	Pass
Plate8-K15	1,687,128	pass	pass	88.42%	1,491,714	73.07	440.55	Pass
Plate10-L20	1,800,926	pass	pass	82.85%	1,492,087	72.45	440.66	Pass
Plate10-D10	1,858,977	pass	pass	80.28%	1,492,412	72.92	440.76	Pass
Plate8-F17	1,696,629	pass	pass	87.99%	1,492,899	71.44	440.90	Pass
Plate7-M12	1,747,627	pass	pass	85.46%	1,493,465	72.21	441.07	Pass
Plate1-K17	2,097,608	pass	pass	71.20%	1,493,580	66.30	441.10	Pass
Plate6-M17	1,773,871	pass	pass	84.21%	1,493,813	71.03	441.17	Pass
Plate10-G04	1,863,052	pass	pass	80.20%	1,494,115	70.97	441.26	Pass
Plate9-G17	1,985,261	pass	pass	75.34%	1,495,690	73.48	441.73	Pass
Plate5-M12	1,725,090	pass	pass	86.71%	1,495,911	70.91	441.79	Pass
Plate9-J19	1,825,556	pass	pass	81.96%	1,496,188	73.72	441.87	Pass
Plate1-K14	1,742,575	pass	pass	85.86%	1,496,194	72.53	441.88	Pass
Plate10-C19	1,815,409	pass	pass	82.42%	1,496,307	73.72	441.91	Pass
Plate8-N12	1,694,350	pass	pass	88.32%	1,496,473	71.53	441.96	Pass
Plate9-E06	1,839,340	pass	pass	81.37%	1,496,608	73.07	442.00	Pass
Plate3-J05	1,742,687	pass	pass	85.96%	1,498,049	73.51	442.42	Pass
Plate1-I22	1,738,041	pass	pass	86.21%	1,498,405	72.18	442.53	Pass
Plate6-H22	1,747,666	pass	pass	85.76%	1,498,731	71.15	442.63	Pass
Plate4-K12	1,783,671	pass	pass	84.03%	1,498,877	73.89	442.67	Pass
Plate8-K21	1,729,814	pass	pass	86.67%	1,499,160	73.69	442.75	Pass
Plate5-C22	1,786,983	pass	pass	83.95%	1,500,165	71.83	443.05	Pass
Plate8-M19	1,754,569	pass	pass	85.56%	1,501,181	72.92	443.35	Pass
Plate4-E06	1,702,814	pass	pass	88.17%	1,501,347	73.27	443.40	Pass
Plate3-F20	1,723,926	pass	pass	87.11%	1,501,657	72.86	443.49	Pass
Plate5-M22	1,791,528	pass	pass	83.87%	1,502,604	72.09	443.77	Pass
Plate7-C04	1,773,619	pass	pass	84.73%	1,502,726	73.72	443.81	Pass
Plate6-J08	1,772,388	pass	pass	84.82%	1,503,328	72.98	443.98	Pass
Plate3-E13	1,737,898	pass	pass	86.51%	1,503,438	73.74	444.02	Pass
Plate6-F04	1,769,552	pass	pass	84.96%	1,503,490	71.80	444.03	Pass
Plate2-K16	1,766,782	pass	pass	85.10%	1,503,537	72.39	444.05	Pass
Plate7-G10	1,792,707	pass	pass	84.01%	1,506,046	72.89	444.79	Pass
Plate9-F17	1,925,997	pass	pass	78.20%	1,506,113	73.57	444.81	Pass
Plate4-C08	1,733,739	pass	pass	86.90%	1,506,685	73.39	444.97	Pass
Plate5-C10	1,759,984	pass	pass	85.62%	1,506,878	71.94	445.03	Pass
Plate1-I11	2,205,692	pass	pass	68.33%	1,507,057	64.94	445.08	Pass
Plate7-C06	1,774,387	pass	pass	84.95%	1,507,412	72.15	445.19	Pass
Plate8-E14	1,736,710	pass	pass	86.85%	1,508,379	73.80	445.48	Pass
Plate7-N21	1,814,205	pass	pass	83.15%	1,508,525	70.38	445.52	Pass
Plate4-N10	1,685,666	pass	pass	89.52%	1,508,937	72.98	445.64	Pass
Plate3-K19	1,749,758	pass	pass	86.25%	1,509,194	73.21	445.72	Pass
Plate5-F03	1,783,738	pass	pass	84.65%	1,509,936	69.94	445.94	Pass
Plate8-K19	1,727,228	pass	pass	87.42%	1,510,023	73.18	445.96	Pass
Plate5-K16	1,762,696	pass	pass	85.74%	1,511,314	72.09	446.34	Pass
Plate2-K17	1,774,079	pass	pass	85.21%	1,511,647	73.83	446.44	Pass
Plate5-E16	1,722,560	pass	pass	87.78%	1,512,104	72.36	446.58	Pass

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Plate2-F10	1,812,189	pass	pass	83.46%	1,512,524	72.45	446.70	Pass
Plate6-E13	1,757,579	pass	pass	86.07%	1,512,799	72.83	446.78	Pass
Plate8-E21	1,769,050	pass	pass	85.58%	1,514,006	72.89	447.14	Pass
Plate7-H20	1,851,852	pass	pass	81.76%	1,514,112	70.53	447.17	Pass
Plate7-N20	1,872,330	pass	pass	80.87%	1,514,122	72.15	447.17	Pass
Plate5-K08	1,804,259	pass	pass	83.92%	1,514,167	72.21	447.18	Pass
Plate2-J06	1,841,242	pass	pass	82.24%	1,514,278	73.39	447.22	Pass
Plate8-D10	1,715,341	pass	pass	88.29%	1,514,556	73.42	447.30	Pass
Plate4-M06	1,716,330	pass	pass	88.30%	1,515,473	71.71	447.57	Pass
Plate5-M17	1,764,706	pass	pass	85.89%	1,515,661	71.59	447.63	Pass
Plate6-H05	1,772,922	pass	pass	85.51%	1,516,103	73.51	447.76	Pass
Plate8-M20	1,774,683	pass	pass	85.43%	1,516,105	72.03	447.76	Pass
Plate2-H12	1,800,314	pass	pass	84.23%	1,516,360	73.83	447.83	Pass
Plate10-G17	1,874,600	pass	pass	80.92%	1,516,924	73.98	448.00	Pass
Plate6-N14	1,755,629	pass	pass	86.46%	1,518,003	71.26	448.32	Pass
Plate4-G21	1,808,444	pass	pass	84.01%	1,519,203	70.23	448.67	Pass
Plate9-F13	1,811,802	pass	pass	83.87%	1,519,530	73.80	448.77	Pass
Plate1-F19	1,875,913	pass	pass	81.02%	1,519,816	73.04	448.85	Pass
Plate9-F15	1,877,005	pass	pass	80.97%	1,519,880	73.24	448.87	Pass
Plate2-G19	1,815,676	pass	pass	83.71%	1,519,918	73.48	448.88	Pass
Plate5-I10	1,792,228	pass	pass	84.86%	1,520,930	72.68	449.18	Pass
Plate5-F15	1,762,601	pass	pass	86.36%	1,522,119	71.88	449.53	Pass
Plate6-D21	1,774,692	pass	pass	85.80%	1,522,606	71.85	449.68	Pass
Plate9-K16	1,813,049	pass	pass	84.00%	1,523,036	73.21	449.80	Pass
Plate7-D05	1,771,344	pass	pass	86.05%	1,524,231	73.15	450.16	Pass
Plate3-H19	1,751,901	pass	pass	87.03%	1,524,741	74.01	450.31	Pass
Plate1-L14	2,361,951	pass	pass	64.56%	1,524,869	65.98	450.35	Pass
Plate7-M21	1,775,255	pass	pass	85.90%	1,524,958	73.48	450.37	Pass
Plate10-M03	1,971,446	pass	pass	77.42%	1,526,349	71.32	450.78	Pass
Plate8-L07	1,726,581	pass	pass	88.41%	1,526,416	72.18	450.80	Pass
Plate5-I06	1,755,380	pass	pass	87.01%	1,527,421	71.83	451.10	Pass
Plate3-M20	1,808,339	pass	pass	84.47%	1,527,528	72.56	451.13	Pass
Plate5-G05	1,731,504	pass	pass	88.23%	1,527,680	71.65	451.18	Pass
Plate8-E11	1,728,715	pass	pass	88.44%	1,528,906	72.21	451.54	Pass
Plate1-I08	1,698,089	pass	pass	90.05%	1,529,084	71.26	451.59	Pass
Plate4-L03	1,895,491	pass	pass	80.70%	1,529,676	68.93	451.76	Pass
Plate3-E19	1,755,815	pass	pass	87.15%	1,530,129	72.27	451.90	Pass
Plate2-K10	1,855,966	pass	pass	82.46%	1,530,372	72.65	451.97	Pass
Plate9-I20	1,943,454	pass	pass	78.76%	1,530,580	73.86	452.03	Pass
Plate2-L20	1,817,930	pass	pass	84.23%	1,531,234	73.27	452.23	Pass
Plate1-E14	1,753,865	pass	pass	87.31%	1,531,377	73.74	452.27	Pass
Plate9-M12	1,856,804	pass	pass	82.50%	1,531,914	73.95	452.43	Pass
Plate6-D06	1,813,371	pass	pass	84.50%	1,532,381	73.39	452.56	Pass
Plate8-E18	1,777,490	pass	pass	86.23%	1,532,709	72.47	452.66	Pass
Plate10-L16	1,900,726	pass	pass	80.64%	1,532,779	72.74	452.68	Pass
Plate2-J12	1,809,056	pass	pass	84.76%	1,533,355	73.48	452.85	Pass

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Plate5-M20	1,781,927	pass	pass	86.12%	1,534,521	72.00	453.20	Pass
Plate2-G14	1,835,126	pass	pass	83.66%	1,535,277	73.89	453.42	Pass
Plate7-K10	1,819,443	pass	pass	84.48%	1,537,136	74.22	453.97	Pass
Plate9-M18	1,926,083	pass	pass	79.81%	1,537,161	73.01	453.98	Pass
Plate5-L17	1,798,073	pass	pass	85.52%	1,537,710	72.59	454.14	Pass
Plate1-M18	1,819,752	pass	pass	84.55%	1,538,603	70.61	454.40	Pass
Plate9-C04	1,922,469	pass	pass	80.08%	1,539,462	73.63	454.66	Pass
Plate5-H03	1,923,001	pass	pass	80.10%	1,540,285	70.14	454.90	Pass
Plate4-K10	1,777,463	pass	pass	86.75%	1,541,936	73.24	455.39	Pass
Plate9-K19	1,855,639	pass	pass	83.13%	1,542,618	73.07	455.59	Pass
Plate1-G18	1,819,399	pass	pass	84.79%	1,542,636	73.74	455.59	Pass
Plate2-K14	1,848,613	pass	pass	83.47%	1,543,125	71.94	455.74	Pass
Plate2-D20	1,845,982	pass	pass	83.61%	1,543,381	72.80	455.81	Pass
Plate3-D17	2,420,708	pass	pass	63.83%	1,545,128	68.52	456.33	Pass
Plate9-M07	1,822,869	pass	pass	84.77%	1,545,196	73.12	456.35	Pass
Plate2-F16	1,789,496	pass	pass	86.35%	1,545,305	73.15	456.38	Pass
Plate8-C04	1,911,405	pass	pass	80.85%	1,545,400	68.61	456.41	Pass
Plate5-L09	1,833,024	pass	pass	84.37%	1,546,598	72.62	456.76	Pass
Plate9-E19	1,871,644	pass	pass	82.64%	1,546,730	73.77	456.80	Pass
Plate2-E14	1,817,993	pass	pass	85.08%	1,546,755	73.12	456.81	Pass
Plate6-F15	1,811,004	pass	pass	85.45%	1,547,583	72.53	457.05	Pass
Plate9-M19	1,945,781	pass	pass	79.58%	1,548,443	72.21	457.31	Pass
Plate9-K04	2,081,870	pass	pass	74.39%	1,548,616	70.50	457.36	Pass
Plate4-F21	1,795,857	pass	pass	86.25%	1,548,951	74.10	457.46	Pass
Plate7-E16	1,793,174	pass	pass	86.39%	1,549,075	71.71	457.49	Pass
Plate9-N21	1,985,749	pass	pass	78.01%	1,549,137	71.62	457.51	Pass
Plate4-H04	1,813,555	pass	pass	85.44%	1,549,459	71.29	457.61	Pass
Plate3-N07	1,734,392	pass	pass	89.47%	1,551,818	72.68	458.30	Pass
Plate2-I19	1,901,873	pass	pass	81.60%	1,551,876	73.95	458.32	Pass
Plate4-E05	1,755,156	pass	pass	88.42%	1,551,996	73.24	458.36	Pass
Plate4-K21	1,759,778	pass	pass	88.20%	1,552,194	73.66	458.42	Pass
Plate9-M05	1,912,035	pass	pass	81.23%	1,553,118	71.91	458.69	Pass
Plate4-M04	1,844,404	pass	pass	84.21%	1,553,193	70.05	458.71	Pass
Plate10-L22	1,933,223	pass	pass	80.35%	1,553,292	72.95	458.74	Pass
Plate8-M12	1,765,422	pass	pass	88.00%	1,553,628	72.77	458.84	Pass
Plate2-E05	1,832,057	pass	pass	84.81%	1,553,693	73.86	458.86	Pass
Plate6-N03	1,839,601	pass	pass	84.47%	1,553,951	72.33	458.93	Pass
Plate5-F05	1,820,742	pass	pass	85.42%	1,555,307	72.12	459.33	Pass
Plate2-N22	1,820,461	pass	pass	85.44%	1,555,312	72.24	459.34	Pass
Plate6-N08	1,808,048	pass	pass	86.03%	1,555,479	71.83	459.39	Pass
Plate6-J21	1,875,299	pass	pass	82.95%	1,555,516	71.03	459.40	Pass
Plate6-E05	1,769,598	pass	pass	87.95%	1,556,443	71.91	459.67	Pass
Plate3-F17	1,782,973	pass	pass	87.30%	1,556,550	74.45	459.70	Pass
Plate4-K05	1,755,995	pass	pass	88.65%	1,556,748	72.42	459.76	Pass
Plate2-M13	1,867,655	pass	pass	83.36%	1,556,881	73.21	459.80	Pass
Plate4-K20	1,802,216	pass	pass	86.39%	1,556,920	72.42	459.81	Pass

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Plate6-H18	1,835,966	pass	pass	84.84%	1,557,714	72.18	460.05	Pass
Plate2-E04	1,836,821	pass	pass	84.81%	1,557,854	73.15	460.09	Pass
Plate5-L11	1,859,051	pass	pass	83.83%	1,558,362	73.04	460.24	Pass
Plate9-K06	1,943,638	pass	pass	80.22%	1,559,283	71.53	460.51	Pass
Plate7-E18	1,826,503	pass	pass	85.43%	1,560,467	72.45	460.86	Pass
Plate3-F13	1,760,820	pass	pass	88.65%	1,561,045	73.42	461.03	Pass
Plate2-N12	1,817,594	pass	pass	85.90%	1,561,377	72.56	461.13	Pass
Plate8-D04	1,764,863	pass	pass	88.48%	1,561,582	74.04	461.19	Pass
Plate3-C19	1,791,224	pass	pass	87.23%	1,562,526	72.45	461.47	Pass
Plate3-E20	1,848,328	pass	pass	84.56%	1,562,994	73.45	461.60	Pass
Plate6-F08	1,809,058	pass	pass	86.47%	1,564,262	73.57	461.98	Pass
Plate8-E12	1,785,560	pass	pass	87.64%	1,564,939	73.77	462.18	Pass
Plate4-E21	1,804,495	pass	pass	86.73%	1,564,996	72.45	462.20	Pass
Plate4-N14	1,757,649	pass	pass	89.08%	1,565,663	72.12	462.39	Pass
Plate10-C16	1,938,617	pass	pass	80.79%	1,566,204	73.48	462.55	Pass
Plate4-L14	1,777,904	pass	pass	88.12%	1,566,691	74.99	462.70	Pass
Plate5-E12	1,809,811	pass	pass	86.60%	1,567,221	72.24	462.85	Pass
Plate5-H11	1,858,130	pass	pass	84.35%	1,567,414	70.29	462.91	Pass
Plate8-N22	1,800,652	pass	pass	87.06%	1,567,585	71.38	462.96	Pass
Plate3-N03	1,859,171	pass	pass	84.32%	1,567,678	72.86	462.99	Pass
Plate5-N19	1,943,248	pass	pass	80.72%	1,568,667	72.36	463.28	Pass
Plate5-L15	1,912,125	pass	pass	82.05%	1,568,900	72.92	463.35	Pass
Plate1-E21	1,941,217	pass	pass	80.91%	1,570,714	70.29	463.88	Pass
Plate8-L03	1,920,256	pass	pass	81.81%	1,571,017	70.11	463.97	Pass
Plate10-F19	1,878,680	pass	pass	83.65%	1,571,454	73.18	464.10	Pass
Plate4-C14	1,823,813	pass	pass	86.18%	1,571,850	74.63	464.22	Pass
Plate7-D22	1,853,818	pass	pass	84.81%	1,572,134	71.74	464.30	Pass
Plate7-F04	1,862,862	pass	pass	84.45%	1,573,118	73.36	464.59	Pass
Plate3-F09	1,840,944	pass	pass	85.46%	1,573,240	74.22	464.63	Pass
Plate7-G17	1,869,098	pass	pass	84.18%	1,573,361	70.94	464.67	Pass
Plate9-H11	1,874,586	pass	pass	83.94%	1,573,621	73.42	464.74	Pass
Plate7-L20	1,919,968	pass	pass	81.98%	1,573,967	72.56	464.85	Pass
Plate10-J12	1,930,823	pass	pass	81.57%	1,574,912	74.10	465.12	Pass
Plate10-F22	1,975,132	pass	pass	79.74%	1,574,957	73.07	465.14	Pass
Plate8-N07	1,805,119	pass	pass	87.27%	1,575,294	69.91	465.24	Pass
Plate10-I21	1,956,753	pass	pass	80.51%	1,575,453	73.15	465.28	Pass
Plate4-I22	1,844,061	pass	pass	85.47%	1,576,141	73.74	465.49	Pass
Plate2-L12	1,870,633	pass	pass	84.26%	1,576,229	73.77	465.51	Pass
Plate10-K04	2,134,106	pass	pass	73.90%	1,577,176	69.34	465.79	Pass
Plate10-L05	1,864,924	pass	pass	84.58%	1,577,397	72.74	465.86	Pass
Plate2-D04	1,934,261	pass	pass	81.68%	1,579,866	73.27	466.59	Pass
Plate7-J06	1,885,660	pass	pass	83.80%	1,580,252	73.51	466.70	Pass
Plate2-F14	1,830,869	pass	pass	86.31%	1,580,283	73.80	466.71	Pass
Plate6-N21	1,863,568	pass	pass	84.81%	1,580,431	70.70	466.75	Pass
Plate6-F09	1,874,470	pass	pass	84.35%	1,581,036	72.86	466.93	Pass
Plate3-H03	1,787,294	pass	pass	88.50%	1,581,746	72.71	467.14	Pass



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Plate8-G19	1,860,419	pass	pass	85.05%	1,582,318	73.18	467.31	Pass
Plate6-F16	1,875,808	pass	pass	84.36%	1,582,386	71.74	467.33	Pass
Plate9-K12	1,879,792	pass	pass	84.21%	1,582,886	73.21	467.48	Pass
Plate2-J20	1,927,116	pass	pass	82.17%	1,583,456	73.21	467.65	Pass
Plate5-G03	1,857,236	pass	pass	85.26%	1,583,510	71.56	467.66	Pass
Plate2-M04	1,829,589	pass	pass	86.59%	1,584,240	72.03	467.88	Pass
Plate9-H19	1,999,307	pass	pass	79.26%	1,584,672	72.27	468.01	Pass
Plate2-I05	1,950,252	pass	pass	81.28%	1,585,233	73.92	468.17	Pass
Plate8-M21	1,840,847	pass	pass	86.15%	1,585,814	71.50	468.34	Pass
Plate7-E14	1,825,897	pass	pass	86.88%	1,586,274	73.15	468.48	Pass
Plate4-J14	1,818,676	pass	pass	87.26%	1,586,908	72.30	468.67	Pass
Plate5-F17	1,849,637	pass	pass	85.84%	1,587,747	72.89	468.92	Pass
Plate5-K22	1,847,546	pass	pass	85.95%	1,587,955	71.56	468.98	Pass
Plate6-H06	1,864,694	pass	pass	85.20%	1,588,783	72.06	469.22	Pass
Plate9-F03	1,951,564	pass	pass	81.41%	1,588,842	72.50	469.24	Pass
Plate9-E16	1,878,330	pass	pass	84.59%	1,588,892	73.36	469.25	Pass
Plate2-K06	1,864,002	pass	pass	85.26%	1,589,200	73.63	469.34	Pass
Plate6-F07	1,851,152	pass	pass	85.85%	1,589,274	73.39	469.37	Pass
Plate2-N20	1,887,603	pass	pass	84.27%	1,590,707	72.09	469.79	Pass
Plate2-G05	1,835,158	pass	pass	86.69%	1,590,890	73.98	469.84	Pass
Plate4-G14	1,811,767	pass	pass	87.82%	1,591,081	74.57	469.90	Pass
Plate7-F19	1,919,301	pass	pass	82.91%	1,591,353	73.04	469.98	Pass
Plate10-L18	1,995,609	pass	pass	79.76%	1,591,781	72.98	470.11	Pass
Plate9-E12	1,913,980	pass	pass	83.17%	1,591,928	73.77	470.15	Pass
Plate3-C20	1,858,496	pass	pass	85.66%	1,591,998	73.48	470.17	Pass
Plate10-J10	1,953,137	pass	pass	81.54%	1,592,554	72.65	470.33	Pass
Plate3-E11	1,807,652	pass	pass	88.10%	1,592,582	73.69	470.34	Pass
Plate5-F09	1,909,900	pass	pass	83.42%	1,593,177	72.77	470.52	Pass
Plate4-C21	1,897,909	pass	pass	83.94%	1,593,188	69.85	470.52	Pass
Plate3-J19	1,838,605	pass	pass	86.65%	1,593,193	74.48	470.52	Pass
Plate6-F06	2,106,907	pass	pass	75.63%	1,593,351	68.34	470.57	Pass
Plate8-L06	1,793,652	pass	pass	88.90%	1,594,541	72.06	470.92	Pass
Plate7-I20	1,884,694	pass	pass	84.61%	1,594,569	73.18	470.93	Pass
Plate7-G06	1,814,568	pass	pass	87.94%	1,595,800	73.74	471.29	Pass
Plate7-G19	1,869,810	pass	pass	85.35%	1,595,887	70.05	471.32	Pass
Plate2-D12	2,040,402	pass	pass	78.25%	1,596,546	73.51	471.51	Pass
Plate7-N07	1,843,687	pass	pass	86.65%	1,597,533	71.44	471.81	Pass
Plate10-H18	1,982,776	pass	pass	80.61%	1,598,334	74.60	472.04	Pass
Plate9-M17	1,966,141	pass	pass	81.31%	1,598,630	72.74	472.13	Pass
Plate1-I04	2,092,826	pass	pass	76.45%	1,599,949	68.02	472.52	Pass
Plate5-M13	1,812,424	pass	pass	88.33%	1,600,824	72.12	472.78	Pass
Plate7-G18	1,860,958	pass	pass	86.05%	1,601,405	73.66	472.95	Pass
Plate4-N05	1,823,452	pass	pass	87.83%	1,601,499	71.88	472.98	Pass
Plate2-H10	1,886,345	pass	pass	84.90%	1,601,513	73.86	472.98	Pass
Plate3-H12	1,854,960	pass	pass	86.35%	1,601,672	73.66	473.03	Pass
Plate5-K20	1,871,215	pass	pass	85.64%	1,602,585	72.42	473.30	Pass

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Plate3-M19	1,865,901	pass	pass	85.90%	1,602,810	74.04	473.36	Pass
Plate6-D14	1,923,823	pass	pass	83.32%	1,602,922	72.21	473.40	Pass
Plate10-M21	2,053,760	pass	pass	78.10%	1,603,972	70.64	473.71	Pass
Plate1-G06	1,885,069	pass	pass	85.09%	1,604,082	72.15	473.74	Pass
Plate6-M20	1,978,598	pass	pass	81.09%	1,604,450	73.39	473.85	Pass
Plate5-H20	1,893,379	pass	pass	84.74%	1,604,509	73.36	473.87	Pass
Plate7-K21	1,852,911	pass	pass	86.61%	1,604,884	73.54	473.98	Pass
Plate6-N05	1,877,508	pass	pass	85.52%	1,605,715	71.88	474.22	Pass
Plate7-F08	1,875,219	pass	pass	85.63%	1,605,765	72.89	474.24	Pass
Plate1-M06	1,890,823	pass	pass	84.93%	1,605,865	69.70	474.27	Pass
Plate2-D08	2,006,977	pass	pass	80.02%	1,605,894	73.72	474.27	Pass
Plate7-N04	1,916,493	pass	pass	83.80%	1,605,992	73.45	474.30	Pass
Plate8-C05	1,920,207	pass	pass	83.64%	1,606,082	73.21	474.33	Pass
Plate2-K09	1,928,382	pass	pass	83.29%	1,606,151	74.78	474.35	Pass
Plate6-F03	1,836,650	pass	pass	87.48%	1,606,643	73.57	474.50	Pass
Plate1-D03	2,306,073	pass	pass	69.69%	1,607,093	74.16	474.63	Pass
Plate9-F05	1,931,782	pass	pass	83.20%	1,607,282	73.69	474.68	Pass
Plate4-F04	2,057,832	pass	pass	78.11%	1,607,467	69.79	474.74	Pass
Plate1-D16	2,230,757	pass	pass	72.07%	1,607,690	71.18	474.81	Pass
Plate6-N18	1,885,756	pass	pass	85.27%	1,608,055	70.70	474.91	Pass
Plate2-N14	1,895,300	pass	pass	84.87%	1,608,458	73.04	475.03	Pass
Plate3-H15	1,875,016	pass	pass	85.79%	1,608,590	73.57	475.07	Pass
Plate2-D22	1,850,933	pass	pass	86.92%	1,608,773	72.12	475.12	Pass
Plate6-C13	1,878,007	pass	pass	85.68%	1,609,124	72.56	475.23	Pass
Plate9-N04	2,187,200	pass	pass	73.57%	1,609,169	70.97	475.24	Pass
Plate2-K22	1,841,014	pass	pass	87.43%	1,609,592	72.83	475.37	Pass
Plate6-H17	1,879,727	pass	pass	85.65%	1,609,951	73.30	475.47	Pass
Plate8-G22	1,831,562	pass	pass	87.92%	1,610,246	71.80	475.56	Pass
Plate3-M07	1,819,401	pass	pass	88.53%	1,610,710	73.33	475.70	Pass
Plate1-H20	1,965,254	pass	pass	81.97%	1,610,963	73.07	475.77	Pass
Plate7-M19	1,938,436	pass	pass	83.11%	1,611,028	73.66	475.79	Pass
Plate4-M17	1,801,870	pass	pass	89.42%	1,611,220	72.74	475.85	Pass
Plate9-D10	1,945,227	pass	pass	82.84%	1,611,353	72.68	475.89	Pass
Plate1-G04	2,018,324	pass	pass	79.86%	1,611,784	70.67	476.01	Pass
Plate10-E13	1,911,408	pass	pass	84.34%	1,612,070	73.60	476.10	Pass
Plate4-D17	2,697,393	pass	pass	59.80%	1,612,978	67.25	476.37	Pass
Plate4-I21	1,840,905	pass	pass	87.62%	1,613,048	72.77	476.39	Pass
Plate7-C12	1,886,219	pass	pass	85.52%	1,613,140	72.65	476.41	Pass
Plate8-L14	1,801,548	pass	pass	89.56%	1,613,439	74.37	476.50	Pass
Plate3-L03	1,894,107	pass	pass	85.24%	1,614,472	72.21	476.81	Pass
Plate6-K06	1,933,295	pass	pass	83.57%	1,615,578	75.34	477.13	Pass
Plate3-K15	1,861,116	pass	pass	86.81%	1,615,647	73.42	477.16	Pass
Plate1-F20	2,026,882	pass	pass	79.74%	1,616,329	73.74	477.36	Pass
Plate6-F19	1,855,878	pass	pass	87.11%	1,616,730	72.74	477.47	Pass
Plate3-D21	1,896,541	pass	pass	85.25%	1,616,835	71.68	477.51	Pass
Plate9-K14	1,947,519	pass	pass	83.06%	1,617,520	74.07	477.71	Pass

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Plate4-H07	1,861,972	pass	pass	86.89%	1,617,777	72.65	477.78	Pass
Plate2-C06	1,891,698	pass	pass	85.55%	1,618,419	73.15	477.97	Pass
Plate1-D21	2,089,233	pass	pass	77.51%	1,619,321	68.46	478.24	Pass
Plate2-G07	1,916,665	pass	pass	84.52%	1,620,016	73.24	478.45	Pass
Plate5-L12	2,020,556	pass	pass	80.18%	1,620,180	73.72	478.49	Pass
Plate2-E18	1,912,935	pass	pass	84.70%	1,620,180	74.16	478.49	Pass
Plate4-E19	1,845,020	pass	pass	87.82%	1,620,281	73.57	478.52	Pass
Plate6-H19	1,897,419	pass	pass	85.41%	1,620,591	72.24	478.62	Pass
Plate8-C06	1,898,751	pass	pass	85.40%	1,621,515	72.06	478.89	Pass
Plate9-F19	1,993,752	pass	pass	81.36%	1,622,105	74.13	479.06	Pass
Plate2-G06	1,946,231	pass	pass	83.39%	1,622,900	71.32	479.30	Pass
Plate3-E15	1,853,444	pass	pass	87.60%	1,623,708	73.48	479.54	Pass
Plate9-M10	1,957,718	pass	pass	82.96%	1,624,101	73.74	479.65	Pass
Plate7-M07	1,847,094	pass	pass	87.93%	1,624,208	73.89	479.68	Pass
Plate5-K18	1,870,767	pass	pass	86.82%	1,624,209	72.21	479.68	Pass
Plate7-E10	1,876,021	pass	pass	86.59%	1,624,365	73.42	479.73	Pass
Plate9-M03	2,025,185	pass	pass	80.21%	1,624,389	70.67	479.74	Pass
Plate5-I19	1,847,448	pass	pass	87.93%	1,624,439	73.60	479.75	Pass
Plate7-F10	1,925,846	pass	pass	84.35%	1,624,533	72.83	479.78	Pass
Plate4-G12	1,842,337	pass	pass	88.19%	1,624,799	72.12	479.86	Pass
Plate2-F08	1,960,693	pass	pass	82.89%	1,625,159	73.15	479.96	Pass
Plate6-H09	1,907,268	pass	pass	85.22%	1,625,316	73.57	480.01	Pass
Plate2-L06	1,949,272	pass	pass	83.40%	1,625,713	74.57	480.13	Pass
Plate9-H20	2,059,476	pass	pass	78.95%	1,626,047	73.69	480.23	Pass
Plate1-D12	2,113,238	pass	pass	76.95%	1,626,238	69.82	480.28	Pass
Plate8-F03	1,864,187	pass	pass	87.29%	1,627,212	73.45	480.57	Pass
Plate6-H07	1,885,222	pass	pass	86.34%	1,627,787	72.39	480.74	Pass
Plate9-I22	2,103,717	pass	pass	77.39%	1,628,099	73.54	480.83	Pass
Plate7-K18	1,936,414	pass	pass	84.14%	1,629,348	74.75	481.20	Pass
Plate5-M10	1,916,825	pass	pass	85.01%	1,629,587	71.12	481.27	Pass
Plate8-N15	1,860,466	pass	pass	87.59%	1,629,638	72.00	481.29	Pass
Plate8-M04	1,983,026	pass	pass	82.19%	1,629,900	71.83	481.36	Pass
Plate1-K16	1,911,554	pass	pass	85.29%	1,630,290	71.74	481.48	Pass
Plate3-H17	1,895,498	pass	pass	86.02%	1,630,466	73.51	481.53	Pass
Plate7-H05	1,875,738	pass	pass	86.94%	1,630,769	73.36	481.62	Pass
Plate9-G06	1,970,063	pass	pass	82.80%	1,631,147	73.60	481.73	Pass
Plate6-F22	2,123,349	pass	pass	76.82%	1,631,212	68.37	481.75	Pass
Plate8-K16	1,870,914	pass	pass	87.19%	1,631,235	71.12	481.76	Pass
Plate7-F22	1,950,813	pass	pass	83.62%	1,631,350	72.33	481.79	Pass
Plate7-J22	1,975,358	pass	pass	82.62%	1,632,087	70.73	482.01	Pass
Plate8-G21	1,979,889	pass	pass	82.46%	1,632,620	71.80	482.17	Pass
Plate7-M08	1,887,226	pass	pass	86.52%	1,632,795	74.01	482.22	Pass
Plate1-K12	1,922,198	pass	pass	84.95%	1,632,988	72.62	482.28	Pass
Plate9-L06	2,044,166	pass	pass	79.90%	1,633,235	72.59	482.35	Pass
Plate8-K12	1,849,480	pass	pass	88.33%	1,633,691	71.56	482.48	Pass
Plate1-N05	1,864,638	pass	pass	87.62%	1,633,774	73.12	482.51	Pass



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Plate1-H12	1,915,690	pass	pass	85.29%	1,633,799	74.07	482.52	Pass
Plate10-E17	1,987,922	pass	pass	82.21%	1,634,294	73.63	482.66	Pass
Plate4-H21	1,884,239	pass	pass	86.75%	1,634,570	72.42	482.74	Pass
Plate7-C16	1,923,327	pass	pass	85.00%	1,634,750	72.98	482.80	Pass
Plate5-E06	1,885,604	pass	pass	86.72%	1,635,211	70.47	482.93	Pass
Plate1-E10	1,910,920	pass	pass	85.58%	1,635,276	72.50	482.95	Pass
Plate5-K14	1,907,409	pass	pass	85.74%	1,635,406	73.18	482.99	Pass
Plate7-E06	1,884,832	pass	pass	86.79%	1,635,798	72.59	483.11	Pass
Plate4-K17	1,842,303	pass	pass	88.79%	1,635,864	73.60	483.13	Pass
Plate7-G14	1,864,828	pass	pass	87.73%	1,636,027	73.69	483.17	Pass
Plate3-C22	1,920,816	pass	pass	85.18%	1,636,143	72.53	483.21	Pass
Plate3-F15	1,886,531	pass	pass	86.74%	1,636,469	73.98	483.30	Pass
Plate1-L18	2,464,377	pass	pass	66.41%	1,636,567	66.24	483.33	Pass
Plate1-J05	1,906,194	pass	pass	85.86%	1,636,621	72.09	483.35	Pass
Plate9-C19	2,005,003	pass	pass	81.63%	1,636,649	73.39	483.36	Pass
Plate5-I04	2,145,353	pass	pass	76.31%	1,637,201	70.26	483.52	Pass
Plate8-H15	1,875,900	pass	pass	87.30%	1,637,661	73.57	483.66	Pass
Plate4-N20	1,842,046	pass	pass	88.91%	1,637,825	71.85	483.70	Pass
Plate1-F21	2,003,204	pass	pass	81.77%	1,638,028	71.15	483.76	Pass
Plate2-E08	1,899,927	pass	pass	86.24%	1,638,430	73.77	483.88	Pass
Plate9-C06	1,991,294	pass	pass	82.28%	1,638,448	74.04	483.89	Pass
Plate9-L21	1,943,508	pass	pass	84.33%	1,639,055	74.16	484.07	Pass
Plate1-H04	2,044,929	pass	pass	80.20%	1,639,982	71.97	484.34	Pass
Plate3-G22	1,838,571	pass	pass	89.20%	1,639,992	74.13	484.34	Pass
Plate8-E05	1,869,510	pass	pass	87.73%	1,640,043	75.13	484.36	Pass
Plate10-G03	2,159,524	pass	pass	75.96%	1,640,458	72.53	484.48	Pass
Plate8-H18	1,892,897	pass	pass	86.68%	1,640,684	73.39	484.55	Pass
Plate5-M16	1,928,092	pass	pass	85.12%	1,641,170	71.80	484.69	Pass
Plate8-F19	1,934,024	pass	pass	84.86%	1,641,175	73.86	484.69	Pass
Plate1-M04	1,968,359	pass	pass	83.48%	1,643,198	69.26	485.29	Pass
Plate7-D04	2,055,308	pass	pass	79.96%	1,643,515	74.13	485.39	Pass
Plate9-K10	1,933,550	pass	pass	85.01%	1,643,667	72.77	485.43	Pass
Plate9-L09	1,953,989	pass	pass	84.13%	1,643,809	73.95	485.47	Pass
Plate8-M17	1,915,333	pass	pass	85.83%	1,643,892	73.04	485.50	Pass
Plate1-I10	1,875,448	pass	pass	87.67%	1,644,116	74.28	485.56	Pass
Plate9-M16	2,016,770	pass	pass	81.53%	1,644,239	73.54	485.60	Pass
Plate10-L08	1,972,690	pass	pass	83.37%	1,644,585	74.45	485.70	Pass
Plate10-L10	2,026,887	pass	pass	81.14%	1,644,602	74.07	485.71	Pass
Plate1-M11	1,966,830	pass	pass	83.72%	1,646,610	73.45	486.30	Pass
Plate8-C16	2,390,740	pass	pass	68.87%	1,646,618	65.18	486.30	Pass
Plate6-C15	1,925,081	pass	pass	85.54%	1,646,717	72.12	486.33	Pass
Plate9-C12	1,968,193	pass	pass	83.69%	1,647,115	74.42	486.45	Pass
Plate10-C05	2,014,381	pass	pass	81.77%	1,647,227	73.72	486.48	Pass
Plate6-F11	1,887,824	pass	pass	87.27%	1,647,509	73.66	486.56	Pass
Plate10-E11	1,992,373	pass	pass	82.75%	1,648,734	74.31	486.93	Pass
Plate3-D13	1,910,059	pass	pass	86.32%	1,648,785	73.36	486.94	Pass

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Plate10-M17	1,961,750	pass	pass	84.05%	1,648,823	73.01	486.95	Pass
Plate3-M17	1,887,499	pass	pass	87.36%	1,648,843	74.19	486.96	Pass
Plate1-I18	2,002,916	pass	pass	82.33%	1,648,942	68.52	486.99	Pass
Plate1-D08	2,079,834	pass	pass	79.34%	1,650,109	72.30	487.33	Pass
Plate7-H22	2,043,400	pass	pass	80.80%	1,651,059	72.06	487.61	Pass
Plate4-C16	1,910,829	pass	pass	86.46%	1,652,013	74.66	487.90	Pass
Plate2-H14	1,960,749	pass	pass	84.26%	1,652,035	74.07	487.90	Pass
Plate6-N07	1,905,103	pass	pass	86.72%	1,652,080	71.80	487.91	Pass
Plate5-D03	1,913,882	pass	pass	86.35%	1,652,651	72.27	488.08	Pass
Plate3-J03	1,900,922	pass	pass	86.97%	1,653,151	74.19	488.23	Pass
Plate2-K11	2,007,727	pass	pass	82.34%	1,653,213	74.37	488.25	Pass
Plate1-H03	1,902,897	pass	pass	86.88%	1,653,285	73.30	488.27	Pass
Plate9-F04	2,060,136	pass	pass	80.26%	1,653,440	73.51	488.32	Pass
Plate1-M17	2,014,228	pass	pass	82.10%	1,653,684	70.17	488.39	Pass
Plate7-H14	2,059,398	pass	pass	80.30%	1,653,779	72.12	488.42	Pass
Plate7-C20	1,928,885	pass	pass	85.74%	1,653,913	73.15	488.46	Pass
Plate8-L04	2,012,040	pass	pass	82.21%	1,654,072	70.94	488.50	Pass
Plate6-G06	2,134,126	pass	pass	77.53%	1,654,552	71.32	488.65	Pass
Plate5-E14	1,937,805	pass	pass	85.40%	1,654,797	72.06	488.72	Pass
Plate1-L20	1,972,502	pass	pass	83.93%	1,655,463	74.19	488.91	Pass
Plate3-M06	1,880,740	pass	pass	88.05%	1,656,083	72.62	489.10	Pass
Plate5-E22	1,937,356	pass	pass	85.50%	1,656,469	72.18	489.21	Pass
Plate2-M09	1,969,010	pass	pass	84.13%	1,656,518	73.45	489.23	Pass
Plate1-F08	2,229,768	pass	pass	74.30%	1,656,626	69.05	489.26	Pass
Plate7-I18	1,979,196	pass	pass	83.71%	1,656,723	73.89	489.29	Pass
Plate1-J10	1,940,485	pass	pass	85.38%	1,656,872	73.74	489.33	Pass
Plate2-K18	1,997,514	pass	pass	82.95%	1,656,963	73.12	489.36	Pass
Plate1-F12	1,940,619	pass	pass	85.40%	1,657,241	73.42	489.44	Pass
Plate10-E19	2,151,215	pass	pass	77.05%	1,657,422	72.98	489.49	Pass
Plate9-G14	1,947,677	pass	pass	85.10%	1,657,486	74.48	489.51	Pass
Plate2-N06	1,904,872	pass	pass	87.03%	1,657,848	73.45	489.62	Pass
Plate9-G10	1,980,481	pass	pass	83.73%	1,658,328	74.60	489.76	Pass
Plate3-M22	1,890,405	pass	pass	87.73%	1,658,497	73.54	489.81	Pass
Plate6-C11	1,947,784	pass	pass	85.17%	1,658,839	72.77	489.91	Pass
Plate9-K17	1,973,884	pass	pass	84.04%	1,658,900	73.74	489.93	Pass
Plate3-D05	1,946,830	pass	pass	85.22%	1,659,136	72.77	490.00	Pass
Plate4-J05	1,844,463	pass	pass	89.99%	1,659,779	72.53	490.19	Pass
Plate5-H05	1,918,803	pass	pass	86.53%	1,660,258	70.73	490.33	Pass
Plate10-L14	2,061,610	pass	pass	80.53%	1,660,278	74.31	490.34	Pass
Plate7-M10	1,938,471	pass	pass	85.65%	1,660,373	73.01	490.36	Pass
Plate1-J16	2,236,894	pass	pass	74.25%	1,660,873	68.75	490.51	Pass
Plate1-F17	2,370,415	pass	pass	70.08%	1,661,100	72.77	490.58	Pass
Plate9-N12	2,162,072	pass	pass	76.85%	1,661,518	74.22	490.70	Pass
Plate5-N15	1,971,678	pass	pass	84.29%	1,661,900	72.33	490.82	Pass
Plate8-N06	1,891,314	pass	pass	87.90%	1,662,531	72.24	491.00	Pass
Plate8-K03	2,038,447	pass	pass	81.56%	1,662,637	71.32	491.03	Pass

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Plate3-D07	1,978,013	pass	pass	84.07%	1,662,976	74.60	491.13	Pass
Plate5-I20	1,944,546	pass	pass	85.53%	1,663,250	72.59	491.21	Pass
Plate1-H06	1,984,321	pass	pass	83.84%	1,663,700	74.34	491.35	Pass
Plate10-J18	2,073,132	pass	pass	80.26%	1,663,881	73.30	491.40	Pass
Plate8-N04	2,026,705	pass	pass	82.10%	1,663,894	71.41	491.40	Pass
Plate1-N20	1,970,148	pass	pass	84.51%	1,664,935	71.41	491.71	Pass
Plate4-K15	1,895,134	pass	pass	87.87%	1,665,237	74.13	491.80	Pass
Plate3-K22	1,907,469	pass	pass	87.31%	1,665,334	73.27	491.83	Pass
Plate5-I17	2,015,937	pass	pass	82.64%	1,666,056	73.80	492.04	Pass
Plate2-N16	1,946,993	pass	pass	85.58%	1,666,236	73.69	492.10	Pass
Plate1-D06	2,031,056	pass	pass	82.05%	1,666,436	73.69	492.15	Pass
Plate6-E20	1,972,305	pass	pass	84.52%	1,666,975	72.86	492.31	Pass
Plate3-E16	1,940,667	pass	pass	85.90%	1,667,046	73.66	492.33	Pass
Plate8-K09	1,909,731	pass	pass	87.30%	1,667,198	74.45	492.38	Pass
Plate4-M13	1,847,334	pass	pass	90.26%	1,667,431	74.01	492.45	Pass
Plate3-K12	1,928,217	pass	pass	86.50%	1,667,938	74.04	492.60	Pass
Plate5-E08	1,923,853	pass	pass	86.71%	1,668,159	71.94	492.66	Pass
Plate3-I20	1,916,801	pass	pass	87.03%	1,668,190	74.04	492.67	Pass
Plate7-L21	1,976,088	pass	pass	84.42%	1,668,282	72.89	492.70	Pass
Plate6-F18	2,334,515	pass	pass	71.46%	1,668,316	67.69	492.71	Pass
Plate1-N07	1,908,102	pass	pass	87.44%	1,668,457	72.18	492.75	Pass
Plate2-G03	1,923,522	pass	pass	86.74%	1,668,553	73.04	492.78	Pass
Plate10-M05	1,998,839	pass	pass	83.51%	1,669,304	73.27	493.00	Pass
Plate9-H17	2,053,316	pass	pass	81.32%	1,669,751	73.45	493.13	Pass
Plate7-K14	1,979,115	pass	pass	84.42%	1,670,845	74.39	493.46	Pass
Plate9-E10	2,064,046	pass	pass	80.96%	1,671,011	74.01	493.51	Pass
Plate1-F06	2,041,425	pass	pass	81.86%	1,671,155	70.94	493.55	Pass
Plate3-M12	1,939,651	pass	pass	86.20%	1,671,999	74.84	493.80	Pass
Plate6-M22	2,102,775	pass	pass	79.52%	1,672,132	73.63	493.84	Pass
Plate2-C04	1,944,989	pass	pass	85.98%	1,672,281	73.80	493.88	Pass
Plate3-J06	2,019,220	pass	pass	82.84%	1,672,632	74.31	493.98	Pass
Plate7-K19	1,980,289	pass	pass	84.49%	1,673,225	74.87	494.16	Pass
Plate7-F14	1,971,372	pass	pass	84.88%	1,673,319	74.31	494.19	Pass
Plate8-M03	2,103,947	pass	pass	79.56%	1,673,866	70.26	494.35	Pass
Plate2-I20	2,003,108	pass	pass	83.58%	1,674,218	72.74	494.45	Pass
Plate2-J21	1,974,891	pass	pass	84.78%	1,674,265	74.42	494.47	Pass
Plate7-E19	1,940,708	pass	pass	86.28%	1,674,477	73.66	494.53	Pass
Plate4-G04	1,933,379	pass	pass	86.61%	1,674,593	73.18	494.56	Pass
Plate5-K12	2,025,001	pass	pass	82.71%	1,674,819	73.27	494.63	Pass
Plate1-L05	1,940,141	pass	pass	86.33%	1,674,977	73.95	494.68	Pass
Plate1-C20	1,933,995	pass	pass	86.61%	1,675,100	72.50	494.71	Pass
Plate10-I19	2,023,520	pass	pass	82.81%	1,675,704	74.57	494.89	Pass
Plate6-N17	1,962,436	pass	pass	85.39%	1,675,776	72.03	494.91	Pass
Plate6-J10	2,098,109	pass	pass	79.88%	1,675,987	72.80	494.98	Pass
Plate6-D11	2,040,546	pass	pass	82.15%	1,676,265	71.71	495.06	Pass
Plate1-K06	1,927,277	pass	pass	87.02%	1,677,035	72.56	495.28	Pass

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Plate1-J20	2,094,118	pass	pass	80.09%	1,677,114	72.89	495.31	Pass
Plate4-I20	1,905,771	pass	pass	88.01%	1,677,363	74.54	495.38	Pass
Plate1-N21	1,964,224	pass	pass	85.40%	1,677,410	72.98	495.40	Pass
Plate10-E20	2,128,530	pass	pass	78.82%	1,677,663	72.56	495.47	Pass
Plate10-M19	2,230,999	pass	pass	75.20%	1,677,809	71.32	495.51	Pass
Plate1-G14	1,910,052	pass	pass	87.84%	1,677,877	73.18	495.53	Pass
Plate4-E03	1,881,962	pass	pass	89.23%	1,679,316	73.21	495.96	Pass
Plate1-D20	2,116,877	pass	pass	79.34%	1,679,438	71.68	495.99	Pass
Plate6-M05	1,949,275	pass	pass	86.18%	1,679,898	71.77	496.13	Pass
Plate7-F05	1,915,377	pass	pass	87.71%	1,680,030	72.95	496.17	Pass
Plate2-N10	1,971,910	pass	pass	85.21%	1,680,330	73.07	496.26	Pass
Plate3-L21	1,975,077	pass	pass	85.10%	1,680,759	72.77	496.38	Pass
Plate8-L17	1,921,082	pass	pass	87.50%	1,680,872	72.18	496.42	Pass
Plate7-D20	1,988,660	pass	pass	84.53%	1,680,958	72.27	496.44	Pass
Plate1-E13	2,183,716	pass	pass	76.98%	1,681,123	67.07	496.49	Pass
Plate6-L21	1,937,371	pass	pass	86.80%	1,681,608	72.12	496.64	Pass
Plate7-F16	2,015,312	pass	pass	83.45%	1,681,810	72.98	496.70	Pass
Plate7-I21	1,936,302	pass	pass	86.86%	1,681,880	73.51	496.72	Pass
Plate4-E18	2,377,454	pass	pass	70.76%	1,682,195	67.78	496.81	Pass
Plate8-F21	1,960,624	pass	pass	85.80%	1,682,274	71.85	496.83	Pass
Plate5-G19	1,986,678	pass	pass	84.68%	1,682,374	71.59	496.86	Pass
Plate1-C06	1,974,349	pass	pass	85.22%	1,682,600	71.56	496.93	Pass
Plate8-G18	1,996,800	pass	pass	84.31%	1,683,437	74.66	497.18	Pass
Plate9-D20	2,136,585	pass	pass	78.89%	1,685,494	73.86	497.78	Pass
Plate5-H22	1,979,437	pass	pass	85.20%	1,686,523	72.06	498.09	Pass
Plate1-D10	2,031,816	pass	pass	83.03%	1,686,964	71.53	498.22	Pass
Plate5-I16	1,968,102	pass	pass	85.73%	1,687,251	72.98	498.30	Pass
Plate3-D20	1,975,004	pass	pass	85.46%	1,687,749	73.98	498.45	Pass
Plate1-F10	2,055,693	pass	pass	82.11%	1,687,889	73.83	498.49	Pass
Plate4-N07	2,035,284	pass	pass	82.93%	1,687,921	65.42	498.50	Pass
Plate3-H20	1,991,054	pass	pass	84.78%	1,687,993	74.16	498.52	Pass
Plate5-M05	1,924,409	pass	pass	87.74%	1,688,403	69.76	498.64	Pass
Plate9-F07	2,059,854	pass	pass	81.97%	1,688,520	74.04	498.68	Pass
Plate9-K07	1,933,354	pass	pass	87.34%	1,688,533	72.27	498.68	Pass
Plate5-M19	1,964,650	pass	pass	85.97%	1,688,967	70.97	498.81	Pass
Plate4-C12	1,952,482	pass	pass	86.51%	1,689,050	73.74	498.83	Pass
Plate5-K06	1,952,894	pass	pass	86.49%	1,689,080	70.41	498.84	Pass
Plate10-F03	2,041,894	pass	pass	82.72%	1,689,155	72.62	498.86	Pass
Plate1-L19	2,001,929	pass	pass	84.38%	1,689,245	73.57	498.89	Pass
Plate9-L15	2,042,212	pass	pass	82.73%	1,689,436	73.33	498.95	Pass
Plate2-H22	1,912,221	pass	pass	88.35%	1,689,468	73.07	498.96	Pass
Plate4-G03	1,897,112	pass	pass	89.06%	1,689,580	71.77	498.99	Pass
Plate9-F06	2,033,970	pass	pass	83.08%	1,689,859	74.81	499.07	Pass
Plate7-F03	2,011,196	pass	pass	84.03%	1,689,955	73.80	499.10	Pass
Plate4-N11	1,917,358	pass	pass	88.15%	1,690,226	73.07	499.18	Pass
Plate3-L07	1,917,686	pass	pass	88.15%	1,690,518	74.66	499.27	Pass

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Plate5-H07	1,978,567	pass	pass	85.50%	1,691,682	72.62	499.61	Pass
Plate9-M11	2,072,465	pass	pass	81.64%	1,691,973	73.89	499.70	Pass
Plate5-M06	1,977,659	pass	pass	85.57%	1,692,338	69.61	499.80	Pass
Plate10-K09	2,068,558	pass	pass	81.81%	1,692,370	74.54	499.81	Pass
Plate6-M12	2,047,246	pass	pass	82.67%	1,692,386	73.15	499.82	Pass
Plate7-H19	2,013,851	pass	pass	84.06%	1,692,821	73.27	499.95	Pass
Plate2-D10	2,028,938	pass	pass	83.46%	1,693,380	73.95	500.11	Pass
Plate2-N18	1,967,236	pass	pass	86.09%	1,693,608	73.21	500.18	Pass
Plate3-G10	2,001,541	pass	pass	84.63%	1,693,969	74.34	500.29	Pass
Plate10-G20	2,048,947	pass	pass	82.68%	1,693,974	75.13	500.29	Pass
Plate4-G19	1,919,640	pass	pass	88.25%	1,694,088	73.01	500.32	Pass
Plate2-L10	2,006,838	pass	pass	84.42%	1,694,169	74.60	500.35	Pass
Plate4-E11	1,955,079	pass	pass	86.68%	1,694,572	74.07	500.46	Pass
Plate5-K19	1,945,917	pass	pass	87.12%	1,695,201	71.18	500.65	Pass
Plate7-N17	2,037,864	pass	pass	83.20%	1,695,478	71.74	500.73	Pass
Plate10-I15	2,025,258	pass	pass	83.72%	1,695,564	73.36	500.76	Pass
Plate5-D06	2,020,158	pass	pass	83.94%	1,695,701	73.83	500.80	Pass
Plate1-J03	1,980,366	pass	pass	85.63%	1,695,730	73.51	500.81	Pass
Plate6-K12	2,040,453	pass	pass	83.11%	1,695,919	72.24	500.86	Pass
Plate2-G08	2,014,175	pass	pass	84.22%	1,696,427	72.77	501.01	Pass
Plate1-K11	2,357,320	pass	pass	71.97%	1,696,672	66.63	501.08	Pass
Plate1-I12	2,210,376	pass	pass	76.78%	1,697,117	68.16	501.22	Pass
Plate1-D17	2,273,772	pass	pass	74.67%	1,697,800	73.39	501.42	Pass
Plate6-N16	1,985,338	pass	pass	85.52%	1,697,910	71.35	501.45	Pass
Plate2-C20	1,982,502	pass	pass	85.66%	1,698,220	72.92	501.54	Pass
Plate4-G11	1,905,710	pass	pass	89.12%	1,698,428	73.95	501.60	Pass
Plate6-D12	2,052,109	pass	pass	82.78%	1,698,781	72.77	501.71	Pass
Plate1-H14	2,011,351	pass	pass	84.46%	1,698,814	72.95	501.72	Pass
Plate4-D06	1,989,260	pass	pass	85.40%	1,698,832	72.74	501.72	Pass
Plate5-G08	1,958,568	pass	pass	86.80%	1,700,081	70.73	502.09	Pass
Plate5-N12	2,005,348	pass	pass	84.78%	1,700,090	74.39	502.09	Pass
Plate8-J22	1,909,420	pass	pass	89.07%	1,700,771	71.97	502.30	Pass
Plate9-C10	2,070,015	pass	pass	82.18%	1,701,226	75.01	502.43	Pass
Plate3-E17	1,970,141	pass	pass	86.35%	1,701,284	74.48	502.45	Pass
Plate10-K07	1,995,158	pass	pass	85.28%	1,701,371	74.51	502.47	Pass
Plate9-M08	2,040,262	pass	pass	83.41%	1,701,744	73.77	502.58	Pass
Plate7-K17	1,991,752	pass	pass	85.46%	1,702,160	74.19	502.71	Pass
Plate6-L05	2,070,365	pass	pass	82.22%	1,702,249	73.66	502.73	Pass
Plate2-C17	1,965,076	pass	pass	86.63%	1,702,397	73.66	502.78	Pass
Plate4-J13	2,794,578	pass	pass	60.92%	1,702,451	65.24	502.79	Pass
Plate2-G21	2,225,081	pass	pass	76.52%	1,702,575	70.58	502.83	Pass
Plate10-E15	2,151,839	pass	pass	79.12%	1,702,631	74.81	502.84	Pass
Plate8-M15	1,954,881	pass	pass	87.11%	1,702,922	73.77	502.93	Pass
Plate2-K13	2,034,009	pass	pass	83.73%	1,703,079	73.83	502.98	Pass
Plate3-D03	1,919,862	pass	pass	88.74%	1,703,639	73.98	503.14	Pass
Plate8-D12	1,952,404	pass	pass	87.29%	1,704,166	74.22	503.30	Pass



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Plate10-N16	2,075,769	pass	pass	82.11%	1,704,502	73.33	503.40	Pass
Plate4-E20	1,970,857	pass	pass	86.53%	1,705,330	72.42	503.64	Pass
Plate1-E03	2,365,905	pass	pass	72.10%	1,705,810	65.74	503.78	Pass
Plate8-N21	1,945,448	pass	pass	87.71%	1,706,307	71.74	503.93	Pass
Plate5-K04	2,151,269	pass	pass	79.32%	1,706,481	67.48	503.98	Pass
Plate8-F04	2,109,717	pass	pass	80.91%	1,706,979	72.80	504.13	Pass
Plate2-J10	2,060,383	pass	pass	82.86%	1,707,292	74.51	504.22	Pass
Plate3-N05	1,931,897	pass	pass	88.42%	1,708,248	73.54	504.50	Pass
Plate9-H15	2,059,268	pass	pass	82.99%	1,709,028	73.72	504.73	Pass
Plate6-K14	2,442,179	pass	pass	69.99%	1,709,268	67.72	504.80	Pass
Plate9-N07	2,021,874	pass	pass	84.56%	1,709,621	74.01	504.91	Pass
Plate10-J14	2,053,581	pass	pass	83.27%	1,709,998	73.92	505.02	Pass
Plate4-L16	1,946,450	pass	pass	87.86%	1,710,157	72.59	505.07	Pass
Plate5-N20	2,026,533	pass	pass	84.42%	1,710,722	73.48	505.23	Pass
Plate6-G05	2,020,992	pass	pass	84.66%	1,710,923	71.53	505.29	Pass
Plate1-L11	2,009,186	pass	pass	85.25%	1,712,886	74.34	505.87	Pass
Plate7-C10	1,982,118	pass	pass	86.43%	1,713,117	74.19	505.94	Pass
Plate4-I05	1,915,522	pass	pass	89.47%	1,713,863	73.66	506.16	Pass
Plate1-C18	2,353,278	pass	pass	72.83%	1,713,947	67.51	506.19	Pass
Plate2-D06	2,121,312	pass	pass	80.80%	1,714,021	72.95	506.21	Pass
Plate3-M05	1,959,735	pass	pass	87.46%	1,714,035	73.18	506.21	Pass
Plate3-G16	2,023,071	pass	pass	84.73%	1,714,059	74.99	506.22	Pass
Plate3-C11	1,940,190	pass	pass	88.35%	1,714,193	73.92	506.26	Pass
Plate6-I19	2,097,908	pass	pass	81.72%	1,714,341	71.53	506.30	Pass
Plate7-H16	2,058,438	pass	pass	83.32%	1,715,097	72.39	506.53	Pass
Plate3-F12	2,304,420	pass	pass	74.43%	1,715,188	68.37	506.55	Pass
Plate3-H10	1,997,923	pass	pass	85.90%	1,716,245	73.51	506.87	Pass
Plate8-L11	1,935,789	pass	pass	88.67%	1,716,478	73.74	506.93	Pass
Plate10-K20	2,048,792	pass	pass	83.79%	1,716,594	74.34	506.97	Pass
Plate5-L05	2,001,149	pass	pass	85.79%	1,716,744	71.35	507.01	Pass
Plate8-H09	1,962,872	pass	pass	87.46%	1,716,765	73.39	507.02	Pass
Plate6-C19	2,056,663	pass	pass	83.49%	1,717,041	71.38	507.10	Pass
Plate6-G07	2,029,491	pass	pass	84.61%	1,717,057	72.50	507.10	Pass
Plate2-M08	1,977,421	pass	pass	86.84%	1,717,174	74.07	507.14	Pass
Plate7-M03	1,978,328	pass	pass	86.80%	1,717,281	73.83	507.17	Pass
Plate6-J19	1,998,987	pass	pass	85.94%	1,718,016	72.71	507.39	Pass
Plate9-E18	2,052,833	pass	pass	83.69%	1,718,051	74.31	507.40	Pass
Plate5-L20	1,993,433	pass	pass	86.24%	1,719,087	72.86	507.70	Pass
Plate8-M05	1,961,291	pass	pass	87.66%	1,719,343	72.03	507.78	Pass
Plate7-H13	2,078,523	pass	pass	82.73%	1,719,512	74.37	507.83	Pass
Plate1-D05	2,050,534	pass	pass	83.87%	1,719,808	73.12	507.92	Pass
Plate7-J19	2,112,243	pass	pass	81.44%	1,720,203	73.89	508.03	Pass
Plate5-H15	2,075,040	pass	pass	82.91%	1,720,337	70.38	508.07	Pass
Plate6-M04	2,105,945	pass	pass	81.70%	1,720,461	70.61	508.11	Pass
Plate10-N08	2,103,899	pass	pass	81.79%	1,720,767	74.72	508.20	Pass
Plate7-F13	2,027,643	pass	pass	84.88%	1,721,108	73.33	508.30	Pass

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Plate8-D06	1,931,392	pass	pass	89.13%	1,721,409	73.24	508.39	Pass
Plate2-D18	2,063,517	pass	pass	83.43%	1,721,490	74.25	508.41	Pass
Plate5-M07	1,959,533	pass	pass	87.86%	1,721,717	71.68	508.48	Pass
Plate9-F09	2,035,639	pass	pass	84.59%	1,722,011	74.78	508.57	Pass
Plate2-I15	2,070,999	pass	pass	83.16%	1,722,295	73.98	508.65	Pass
Plate3-M16	2,006,887	pass	pass	85.82%	1,722,331	74.51	508.66	Pass
Plate4-L04	2,190,300	pass	pass	78.65%	1,722,663	68.78	508.76	Pass
Plate9-H05	2,027,810	pass	pass	84.98%	1,723,284	73.42	508.94	Pass
Plate3-G15	1,964,814	pass	pass	87.73%	1,723,732	73.80	509.08	Pass
Plate6-H04	1,974,313	pass	pass	87.36%	1,724,673	73.83	509.35	Pass
Plate8-M10	1,983,950	pass	pass	86.95%	1,724,965	72.56	509.44	Pass
Plate5-L10	2,066,257	pass	pass	83.51%	1,725,595	73.98	509.63	Pass
Plate7-H17	2,081,058	pass	pass	82.95%	1,726,245	73.86	509.82	Pass
Plate2-I12	1,985,566	pass	pass	86.96%	1,726,585	73.77	509.92	Pass
Plate2-C14	2,024,377	pass	pass	85.30%	1,726,869	74.45	510.00	Pass
Plate1-C05	1,988,163	pass	pass	86.86%	1,726,916	72.30	510.02	Pass
Plate9-E14	2,066,444	pass	pass	83.58%	1,727,169	74.10	510.09	Pass
Plate1-H10	2,038,127	pass	pass	84.75%	1,727,212	71.06	510.10	Pass
Plate5-G17	2,039,889	pass	pass	84.68%	1,727,381	71.77	510.15	Pass
Plate6-I17	2,033,480	pass	pass	84.96%	1,727,546	72.86	510.20	Pass
Plate2-I08	1,969,213	pass	pass	87.73%	1,727,681	72.56	510.24	Pass
Plate5-F07	2,058,841	pass	pass	83.92%	1,727,701	72.24	510.25	Pass
Plate7-L22	2,073,678	pass	pass	83.32%	1,727,713	72.62	510.25	Pass
Plate7-E04	1,999,482	pass	pass	86.41%	1,727,738	73.63	510.26	Pass
Plate3-K16	1,991,626	pass	pass	86.75%	1,727,810	74.63	510.28	Pass
Plate2-G18	1,999,297	pass	pass	86.44%	1,728,189	74.37	510.39	Pass
Plate8-L15	1,956,542	pass	pass	88.34%	1,728,348	72.21	510.44	Pass
Plate3-H13	1,984,072	pass	pass	87.16%	1,729,273	74.19	510.71	Pass
Plate10-G05	2,045,710	pass	pass	84.54%	1,729,455	73.92	510.77	Pass
Plate7-I16	2,036,894	pass	pass	84.91%	1,729,461	74.57	510.77	Pass
Plate9-K03	2,253,689	pass	pass	76.75%	1,729,784	70.85	510.86	Pass
Plate4-L09	1,992,458	pass	pass	86.82%	1,729,821	73.12	510.87	Pass
Plate9-C16	2,067,711	pass	pass	83.70%	1,730,610	73.63	511.11	Pass
Plate2-H18	2,017,624	pass	pass	85.80%	1,731,099	73.77	511.25	Pass
Plate9-F20	2,109,962	pass	pass	82.05%	1,731,176	74.87	511.27	Pass
Plate4-M20	2,008,714	pass	pass	86.19%	1,731,248	72.33	511.30	Pass
Plate6-C12	2,038,012	pass	pass	84.98%	1,731,860	72.45	511.48	Pass
Plate9-M14	2,108,705	pass	pass	82.13%	1,731,955	74.10	511.50	Pass
Plate9-I18	2,112,980	pass	pass	81.98%	1,732,277	73.95	511.60	Pass
Plate9-M13	2,221,572	pass	pass	77.98%	1,732,303	72.71	511.61	Pass
Plate4-F06	2,050,100	pass	pass	84.52%	1,732,832	71.18	511.76	Pass
Plate4-D16	2,350,403	pass	pass	73.74%	1,733,222	68.25	511.88	Pass
Plate1-D22	2,069,358	pass	pass	83.76%	1,733,330	72.53	511.91	Pass
Plate3-G06	1,946,359	pass	pass	89.06%	1,733,388	74.19	511.93	Pass
Plate2-D05	2,017,859	pass	pass	85.91%	1,733,442	74.13	511.94	Pass
Plate4-J20	1,981,349	pass	pass	87.49%	1,733,530	72.92	511.97	Pass



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Plate2-E03	1,979,557	pass	pass	87.57%	1,733,545	74.57	511.97	Pass
Plate5-N11	2,052,897	pass	pass	84.47%	1,734,001	72.74	512.11	Pass
Plate10-J21	2,046,743	pass	pass	84.72%	1,734,039	72.65	512.12	Pass
Plate3-M04	2,026,188	pass	pass	85.59%	1,734,243	72.33	512.18	Pass
Plate2-I07	2,101,696	pass	pass	82.54%	1,734,687	74.87	512.31	Pass
Plate9-N20	2,184,827	pass	pass	79.42%	1,735,277	74.19	512.49	Pass
Plate4-C06	1,999,367	pass	pass	86.80%	1,735,496	74.07	512.55	Pass
Plate6-J05	2,048,858	pass	pass	84.73%	1,735,946	72.33	512.68	Pass
Plate5-I08	2,076,058	pass	pass	83.64%	1,736,473	72.68	512.84	Pass
Plate8-L20	2,003,931	pass	pass	86.66%	1,736,572	72.00	512.87	Pass
Plate2-I18	1,961,243	pass	pass	88.56%	1,736,890	74.16	512.96	Pass
Plate7-F17	2,134,445	pass	pass	81.39%	1,737,225	73.80	513.06	Pass
Plate9-F12	2,113,881	pass	pass	82.19%	1,737,480	74.78	513.14	Pass
Plate1-J12	2,007,559	pass	pass	86.57%	1,737,873	73.07	513.25	Pass
Plate9-H07	2,065,357	pass	pass	84.15%	1,738,099	74.28	513.32	Pass
Plate6-H10	2,064,925	pass	pass	84.18%	1,738,222	72.27	513.36	Pass
Plate8-G14	1,955,435	pass	pass	88.90%	1,738,408	74.81	513.41	Pass
Plate2-E17	2,059,833	pass	pass	84.40%	1,738,485	74.48	513.43	Pass
Plate4-K11	1,974,805	pass	pass	88.05%	1,738,866	74.75	513.55	Pass
Plate8-D16	2,486,683	pass	pass	69.93%	1,738,985	65.65	513.58	Pass
Plate8-G16	2,026,519	pass	pass	85.83%	1,739,307	73.24	513.68	Pass
Plate6-M06	2,042,714	pass	pass	85.17%	1,739,849	73.04	513.84	Pass
Plate10-G15	2,094,598	pass	pass	83.08%	1,740,097	75.01	513.91	Pass
Plate4-G07	2,436,826	pass	pass	71.41%	1,740,104	66.15	513.91	Pass
Plate2-N04	2,032,592	pass	pass	85.64%	1,740,655	73.10	514.07	Pass
Plate5-E05	1,971,927	pass	pass	88.28%	1,740,750	72.27	514.10	Pass
Plate9-J21	2,140,782	pass	pass	81.32%	1,740,824	71.94	514.12	Pass
Plate5-J03	2,382,028	pass	pass	73.08%	1,740,861	68.37	514.13	Pass
Plate3-E12	1,999,871	pass	pass	87.07%	1,741,250	74.78	514.25	Pass
Plate9-G16	2,045,346	pass	pass	85.14%	1,741,393	74.69	514.29	Pass
Plate1-G07	2,005,418	pass	pass	86.84%	1,741,529	74.25	514.33	Pass
Plate7-D19	2,048,173	pass	pass	85.04%	1,741,775	73.33	514.40	Pass
Plate6-E15	2,039,059	pass	pass	85.42%	1,741,865	72.89	514.43	Pass
Plate7-D03	2,097,911	pass	pass	83.05%	1,742,298	75.13	514.56	Pass
Plate10-G12	2,183,374	pass	pass	79.80%	1,742,391	75.13	514.59	Pass
Plate9-C08	2,099,275	pass	pass	83.01%	1,742,683	74.93	514.67	Pass
Plate8-I13	2,022,623	pass	pass	86.18%	1,743,047	73.98	514.78	Pass
Plate7-M16	2,169,473	pass	pass	80.37%	1,743,591	69.49	514.94	Pass
Plate7-N14	2,084,662	pass	pass	83.66%	1,743,932	74.48	515.04	Pass
Plate3-M09	1,985,479	pass	pass	87.87%	1,744,604	73.04	515.24	Pass
Plate3-F07	1,992,718	pass	pass	87.59%	1,745,335	74.84	515.46	Pass
Plate6-F14	2,288,868	pass	pass	76.26%	1,745,389	69.29	515.47	Pass
Plate9-K18	2,131,744	pass	pass	81.90%	1,745,882	74.37	515.62	Pass
Plate9-E08	2,069,883	pass	pass	84.38%	1,746,537	74.60	515.81	Pass
Plate1-L17	2,054,575	pass	pass	85.01%	1,746,690	73.42	515.86	Pass
Plate5-H09	2,088,982	pass	pass	83.64%	1,747,285	72.92	516.03	Pass

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Plate10-N18	2,154,489	pass	pass	81.11%	1,747,414	73.36	516.07	Pass
Plate5-C20	2,062,607	pass	pass	84.72%	1,747,536	72.18	516.11	Pass
Plate6-J15	2,076,851	pass	pass	84.15%	1,747,581	72.89	516.12	Pass
Plate3-I15	2,058,447	pass	pass	84.91%	1,747,748	72.06	516.17	Pass
Plate5-F12	2,084,603	pass	pass	83.86%	1,748,079	73.89	516.27	Pass
Plate2-K19	2,180,115	pass	pass	80.23%	1,749,052	73.51	516.55	Pass
Plate3-E18	2,061,282	pass	pass	84.87%	1,749,467	74.60	516.68	Pass
Plate6-M07	2,069,249	pass	pass	84.59%	1,750,384	70.85	516.95	Pass
Plate7-F18	2,091,150	pass	pass	83.71%	1,750,547	73.04	517.00	Pass
Plate6-M16	2,068,069	pass	pass	84.66%	1,750,761	73.86	517.06	Pass
Plate4-K19	2,004,048	pass	pass	87.39%	1,751,312	74.31	517.22	Pass
Plate8-K10	2,031,844	pass	pass	86.20%	1,751,530	73.60	517.29	Pass
Plate8-L19	2,028,051	pass	pass	86.37%	1,751,534	71.83	517.29	Pass
Plate9-G18	2,144,772	pass	pass	81.73%	1,752,890	74.51	517.69	Pass
Plate5-I22	2,082,088	pass	pass	84.20%	1,753,040	73.39	517.73	Pass
Plate2-M05	2,048,913	pass	pass	85.56%	1,753,150	72.62	517.76	Pass
Plate7-D06	2,122,894	pass	pass	82.64%	1,754,436	73.39	518.14	Pass
Plate9-L03	2,302,014	pass	pass	76.22%	1,754,561	71.38	518.18	Pass
Plate6-G22	2,032,917	pass	pass	86.32%	1,754,793	72.74	518.25	Pass
Plate2-I10	2,000,688	pass	pass	87.72%	1,754,962	73.51	518.30	Pass
Plate5-F20	2,039,819	pass	pass	86.07%	1,755,632	73.60	518.50	Pass
Plate5-D19	2,103,649	pass	pass	83.46%	1,755,768	72.50	518.54	Pass
Plate10-K12	2,088,833	pass	pass	84.07%	1,756,113	75.10	518.64	Pass
Plate2-E21	2,133,135	pass	pass	82.34%	1,756,359	70.85	518.71	Pass
Plate3-G04	2,048,744	pass	pass	85.74%	1,756,563	73.48	518.77	Pass
Plate5-N04	2,273,345	pass	pass	77.27%	1,756,725	70.44	518.82	Pass
Plate4-C18	2,048,764	pass	pass	85.78%	1,757,431	75.01	519.03	Pass
Plate1-H22	2,038,543	pass	pass	86.21%	1,757,461	72.77	519.04	Pass
Plate9-D07	2,257,464	pass	pass	77.86%	1,757,593	74.45	519.08	Pass
Plate4-M11	1,967,649	pass	pass	89.35%	1,758,031	74.34	519.21	Pass
Plate1-L12	2,122,169	pass	pass	82.85%	1,758,113	74.51	519.23	Pass
Plate3-C15	1,986,355	pass	pass	88.51%	1,758,140	74.16	519.24	Pass
Plate10-C12	2,088,686	pass	pass	84.18%	1,758,163	74.87	519.24	Pass
Plate2-E15	2,131,588	pass	pass	82.51%	1,758,845	73.54	519.45	Pass
Plate7-G08	2,011,175	pass	pass	87.48%	1,759,335	74.04	519.59	Pass
Plate10-M20	2,142,735	pass	pass	82.11%	1,759,455	73.30	519.63	Pass
Plate5-D17	2,094,668	pass	pass	84.05%	1,760,651	73.51	519.98	Pass
Plate7-L07	2,040,137	pass	pass	86.31%	1,760,814	74.37	520.03	Pass
Plate6-C06	2,302,057	pass	pass	76.51%	1,761,372	70.11	520.19	Pass
Plate4-H12	2,072,092	pass	pass	85.02%	1,761,752	70.91	520.30	Pass
Plate3-D22	1,990,580	pass	pass	88.51%	1,761,946	73.33	520.36	Pass
Plate4-M10	2,009,973	pass	pass	87.69%	1,762,462	72.56	520.51	Pass
Plate1-K10	2,040,622	pass	pass	86.37%	1,762,584	72.27	520.55	Pass
Plate3-L17	2,626,953	pass	pass	67.10%	1,762,663	66.69	520.57	Pass
Plate5-C19	2,031,478	pass	pass	86.78%	1,762,909	71.85	520.65	Pass
Plate10-C15	2,168,858	pass	pass	81.29%	1,763,123	74.78	520.71	Pass

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Plate3-E06	2,043,734	pass	pass	86.27%	1,763,204	75.31	520.73	Pass
Plate3-N15	1,993,427	pass	pass	88.47%	1,763,499	72.95	520.82	Pass
Plate2-C18	2,237,532	pass	pass	78.83%	1,763,878	75.52	520.93	Pass
Plate7-F15	2,157,919	pass	pass	81.75%	1,764,094	73.80	521.00	Pass
Plate8-J05	2,348,439	pass	pass	75.12%	1,764,127	66.80	521.01	Pass
Plate1-E16	2,140,310	pass	pass	82.43%	1,764,191	71.38	521.03	Pass
Plate5-D22	2,073,796	pass	pass	85.07%	1,764,269	73.18	521.05	Pass
Plate8-C12	2,079,606	pass	pass	84.87%	1,765,023	73.45	521.27	Pass
Plate1-F05	2,173,127	pass	pass	81.22%	1,765,086	72.06	521.29	Pass
Plate8-G03	2,006,500	pass	pass	87.97%	1,765,144	72.56	521.31	Pass
Plate3-L15	2,587,964	pass	pass	68.21%	1,765,161	66.04	521.31	Pass
Plate8-J18	1,978,511	pass	pass	89.22%	1,765,162	73.39	521.31	Pass
Plate7-H03	2,045,432	pass	pass	86.30%	1,765,170	73.48	521.31	Pass
Plate2-D14	2,139,543	pass	pass	82.52%	1,765,535	74.16	521.42	Pass
Plate2-F18	2,097,149	pass	pass	84.19%	1,765,623	73.18	521.45	Pass
Plate1-N09	2,032,976	pass	pass	86.88%	1,766,182	73.77	521.61	Pass
Plate4-G15	1,975,864	pass	pass	89.39%	1,766,308	73.72	521.65	Pass
Plate9-G15	2,144,981	pass	pass	82.36%	1,766,687	74.66	521.76	Pass
Plate10-J03	2,413,481	pass	pass	73.23%	1,767,306	71.53	521.95	Pass
Plate5-J12	2,060,250	pass	pass	85.80%	1,767,764	73.95	522.08	Pass
Plate5-I03	2,160,686	pass	pass	81.82%	1,767,970	70.17	522.14	Pass
Plate2-H21	2,055,608	pass	pass	86.03%	1,768,500	74.42	522.30	Pass
Plate6-G12	2,319,042	pass	pass	76.27%	1,768,839	71.00	522.40	Pass
Plate7-L10	2,069,208	pass	pass	85.49%	1,768,863	73.95	522.40	Pass
Plate7-H10	2,079,816	pass	pass	85.09%	1,769,670	72.83	522.64	Pass
Plate1-D13	2,114,794	pass	pass	83.70%	1,770,185	74.78	522.80	Pass
Plate9-M15	2,137,959	pass	pass	82.80%	1,770,251	73.04	522.81	Pass
Plate8-L21	2,000,131	pass	pass	88.53%	1,770,772	71.44	522.97	Pass
Plate5-H13	2,073,391	pass	pass	85.42%	1,771,085	73.27	523.06	Pass
Plate2-G11	2,111,562	pass	pass	83.91%	1,771,713	75.10	523.25	Pass
Plate5-H14	2,069,598	pass	pass	85.62%	1,771,908	72.00	523.30	Pass
Plate9-N17	2,187,339	pass	pass	81.01%	1,771,942	72.95	523.31	Pass
Plate7-G04	2,015,162	pass	pass	87.97%	1,772,640	74.19	523.52	Pass
Plate2-I04	2,077,613	pass	pass	85.32%	1,772,677	73.69	523.53	Pass
Plate6-D15	2,122,120	pass	pass	83.55%	1,772,927	72.18	523.61	Pass
Plate3-G13	2,006,082	pass	pass	88.39%	1,773,124	74.63	523.66	Pass
Plate1-K05	2,064,189	pass	pass	85.91%	1,773,409	72.89	523.75	Pass
Plate2-F05	2,137,302	pass	pass	82.98%	1,773,517	74.78	523.78	Pass
Plate7-J10	2,101,713	pass	pass	84.39%	1,773,626	73.63	523.81	Pass
Plate5-L06	2,094,262	pass	pass	84.70%	1,773,908	73.24	523.89	Pass
Plate5-H12	2,083,589	pass	pass	85.14%	1,774,027	72.39	523.93	Pass
Plate7-M04	2,092,371	pass	pass	84.80%	1,774,358	71.23	524.03	Pass
Plate6-D19	2,045,389	pass	pass	86.81%	1,775,529	73.54	524.37	Pass
Plate8-E16	2,077,244	pass	pass	85.48%	1,775,570	71.85	524.39	Pass
Plate6-G20	2,154,713	pass	pass	82.41%	1,775,657	72.65	524.41	Pass
Plate1-N12	2,008,081	pass	pass	88.44%	1,775,881	73.15	524.48	Pass

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Plate3-G11	2,048,768	pass	pass	86.69%	1,775,998	74.75	524.51	Pass
Plate9-G04	2,174,625	pass	pass	81.68%	1,776,228	73.39	524.58	Pass
Plate7-K08	2,072,553	pass	pass	85.70%	1,776,233	75.40	524.58	Pass
Plate9-H06	2,110,636	pass	pass	84.16%	1,776,266	73.72	524.59	Pass
Plate9-K05	2,217,896	pass	pass	80.09%	1,776,352	71.20	524.62	Pass
Plate2-H04	2,173,377	pass	pass	81.75%	1,776,629	73.42	524.70	Pass
Plate1-E05	2,299,306	pass	pass	77.27%	1,776,746	70.82	524.73	Pass
Plate1-D15	2,131,523	pass	pass	83.36%	1,776,928	73.54	524.79	Pass
Plate8-H16	2,069,462	pass	pass	85.87%	1,777,006	73.30	524.81	Pass
Plate8-M14	2,032,900	pass	pass	87.41%	1,777,009	72.59	524.81	Pass
Plate5-I12	2,061,167	pass	pass	86.23%	1,777,422	73.92	524.93	Pass
Plate6-K15	2,423,512	pass	pass	73.38%	1,778,390	68.55	525.22	Pass
Plate7-L08	2,119,218	pass	pass	83.92%	1,778,413	74.07	525.23	Pass
Plate10-I03	2,382,766	pass	pass	74.64%	1,778,571	71.18	525.27	Pass
Plate9-J20	2,252,889	pass	pass	78.97%	1,779,172	75.04	525.45	Pass
Plate5-L13	2,108,106	pass	pass	84.40%	1,779,209	73.04	525.46	Pass
Plate2-G04	2,103,289	pass	pass	84.61%	1,779,539	71.88	525.56	Pass
Plate7-C19	2,055,308	pass	pass	86.59%	1,779,789	73.72	525.63	Pass
Plate7-E08	2,062,725	pass	pass	86.30%	1,780,054	72.30	525.71	Pass
Plate4-E15	2,046,353	pass	pass	87.04%	1,781,095	74.01	526.02	Pass
Plate3-E09	2,084,359	pass	pass	85.49%	1,781,936	72.98	526.27	Pass
Plate5-F06	2,053,742	pass	pass	86.78%	1,782,183	73.24	526.34	Pass
Plate10-G22	2,218,069	pass	pass	80.36%	1,782,338	74.84	526.38	Pass
Plate4-E07	2,016,050	pass	pass	88.43%	1,782,775	73.39	526.51	Pass
Plate6-G17	2,207,718	pass	pass	80.75%	1,782,787	72.30	526.52	Pass
Plate5-M18	2,123,722	pass	pass	83.96%	1,782,989	71.74	526.58	Pass
Plate3-K06	1,997,703	pass	pass	89.26%	1,783,087	73.89	526.61	Pass
Plate6-D05	2,095,177	pass	pass	85.13%	1,783,549	72.77	526.74	Pass
Plate7-H08	2,112,854	pass	pass	84.42%	1,783,703	72.86	526.79	Pass
Plate2-J04	2,241,483	pass	pass	79.58%	1,783,716	73.83	526.79	Pass
Plate5-C16	2,362,187	pass	pass	75.52%	1,783,964	66.77	526.86	Pass
Plate3-E04	2,148,693	pass	pass	83.05%	1,784,460	75.07	527.01	Pass
Plate1-K09	2,282,709	pass	pass	78.19%	1,784,747	68.02	527.10	Pass
Plate10-G13	2,186,128	pass	pass	81.65%	1,784,892	75.16	527.14	Pass
Plate10-H19	2,114,379	pass	pass	84.44%	1,785,409	74.22	527.29	Pass
Plate2-F21	2,179,279	pass	pass	81.95%	1,785,845	73.24	527.42	Pass
Plate7-K07	2,026,459	pass	pass	88.13%	1,785,993	74.48	527.46	Pass
Plate10-M04	2,319,247	pass	pass	77.05%	1,786,886	71.65	527.73	Pass
Plate2-C12	2,045,587	pass	pass	87.38%	1,787,452	73.92	527.89	Pass
Plate3-D09	2,113,898	pass	pass	84.62%	1,788,816	74.87	528.30	Pass
Plate2-C15	2,099,837	pass	pass	85.19%	1,788,933	73.83	528.33	Pass
Plate1-M09	2,177,316	pass	pass	82.19%	1,789,493	68.49	528.50	Pass
Plate3-H07	2,024,175	pass	pass	88.41%	1,789,664	74.39	528.55	Pass
Plate10-M15	2,182,082	pass	pass	82.02%	1,789,851	73.15	528.60	Pass
Plate3-M18	2,077,008	pass	pass	86.19%	1,790,075	74.78	528.67	Pass
Plate7-C18	2,123,957	pass	pass	84.30%	1,790,469	73.45	528.79	Pass

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Plate6-M15	2,071,007	pass	pass	86.48%	1,790,906	72.47	528.91	Pass
Plate8-L12	2,016,860	pass	pass	88.80%	1,790,948	72.27	528.93	Pass
Plate10-J08	2,167,952	pass	pass	82.63%	1,791,315	73.01	529.04	Pass
Plate4-C11	2,045,629	pass	pass	87.59%	1,791,732	72.89	529.16	Pass
Plate6-L19	2,103,051	pass	pass	85.21%	1,792,015	73.51	529.24	Pass
Plate4-F16	2,072,255	pass	pass	86.49%	1,792,360	72.86	529.34	Pass
Plate4-N13	2,006,067	pass	pass	89.36%	1,792,527	73.80	529.39	Pass
Plate4-I18	1,999,722	pass	pass	89.66%	1,792,892	75.13	529.50	Pass
Plate6-L15	2,115,545	pass	pass	84.78%	1,793,499	74.19	529.68	Pass
Plate2-F04	2,217,698	pass	pass	80.88%	1,793,642	72.59	529.72	Pass
Plate8-F16	2,400,420	pass	pass	74.73%	1,793,945	68.37	529.81	Pass
Plate3-H08	2,081,232	pass	pass	86.20%	1,794,000	74.31	529.83	Pass
Plate7-D12	2,102,685	pass	pass	85.34%	1,794,382	73.21	529.94	Pass
Plate1-K18	2,128,280	pass	pass	84.31%	1,794,431	72.21	529.96	Pass
Plate8-G15	2,069,442	pass	pass	86.72%	1,794,714	74.57	530.04	Pass
Plate1-F18	2,242,339	pass	pass	80.04%	1,794,755	74.51	530.05	Pass
Plate5-C18	2,127,175	pass	pass	84.41%	1,795,578	73.48	530.29	Pass
Plate9-J05	2,118,398	pass	pass	84.76%	1,795,635	73.51	530.31	Pass
Plate4-D21	2,158,354	pass	pass	83.24%	1,796,646	71.62	530.61	Pass
Plate9-M09	2,146,421	pass	pass	83.71%	1,796,728	73.98	530.63	Pass
Plate10-N14	2,137,632	pass	pass	84.06%	1,796,917	74.87	530.69	Pass
Plate10-K03	2,232,622	pass	pass	80.50%	1,797,205	71.35	530.78	Pass
Plate1-H13	2,078,982	pass	pass	86.45%	1,797,320	74.66	530.81	Pass
Plate1-E08	2,160,308	pass	pass	83.21%	1,797,634	72.74	530.90	Pass
Plate8-H21	2,101,150	pass	pass	85.56%	1,797,683	71.38	530.92	Pass
Plate7-D10	2,091,225	pass	pass	86.00%	1,798,468	73.60	531.15	Pass
Plate4-L06	2,125,733	pass	pass	84.61%	1,798,544	70.53	531.17	Pass
Plate8-D21	2,104,752	pass	pass	85.45%	1,798,579	72.80	531.18	Pass
Plate2-M03	2,108,282	pass	pass	85.33%	1,799,023	72.80	531.31	Pass
Plate5-H04	2,225,542	pass	pass	80.87%	1,799,739	71.56	531.52	Pass
Plate4-I12	2,112,696	pass	pass	85.19%	1,799,838	76.05	531.55	Pass
Plate3-K04	2,103,515	pass	pass	85.62%	1,800,945	73.04	531.88	Pass
Plate4-M05	2,062,352	pass	pass	87.35%	1,801,373	71.32	532.01	Pass
Plate10-K15	2,125,866	pass	pass	84.74%	1,801,558	74.69	532.06	Pass
Plate5-N09	2,140,466	pass	pass	84.17%	1,801,589	73.77	532.07	Pass
Plate5-N13	2,156,542	pass	pass	83.58%	1,802,483	73.48	532.33	Pass
Plate1-L10	2,127,443	pass	pass	84.74%	1,802,817	72.98	532.43	Pass
Plate9-J17	2,158,315	pass	pass	83.54%	1,803,146	74.51	532.53	Pass
Plate9-F10	2,207,073	pass	pass	81.70%	1,803,179	75.43	532.54	Pass
Plate8-J10	2,489,822	pass	pass	72.44%	1,803,580	69.08	532.66	Pass
Plate3-C12	2,148,226	pass	pass	83.97%	1,803,908	74.54	532.75	Pass
Plate9-G05	2,100,262	pass	pass	85.90%	1,804,146	73.51	532.83	Pass
Plate6-H11	2,100,529	pass	pass	85.91%	1,804,483	72.89	532.92	Pass
Plate2-I06	2,076,333	pass	pass	86.91%	1,804,490	74.57	532.93	Pass
Plate1-G05	2,177,253	pass	pass	82.91%	1,805,246	71.68	533.15	Pass
Plate6-G10	2,338,394	pass	pass	77.20%	1,805,325	71.85	533.17	Pass



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Plate10-I20	2,216,246	pass	pass	81.48%	1,805,800	72.27	533.31	Pass
Plate9-E17	2,254,253	pass	pass	80.12%	1,806,122	73.80	533.41	Pass
Plate3-J15	2,064,180	pass	pass	87.50%	1,806,171	73.80	533.42	Pass
Plate1-E12	2,208,139	pass	pass	81.83%	1,806,867	71.29	533.63	Pass
Plate6-C22	2,163,131	pass	pass	83.54%	1,806,991	71.94	533.67	Pass
Plate3-N20	2,053,811	pass	pass	87.99%	1,807,090	73.95	533.69	Pass
Plate3-J07	2,048,150	pass	pass	88.25%	1,807,592	73.86	533.84	Pass
Plate4-L22	2,044,308	pass	pass	88.43%	1,807,712	71.62	533.88	Pass
Plate3-M15	2,089,354	pass	pass	86.56%	1,808,461	74.66	534.10	Pass
Plate9-D06	2,264,253	pass	pass	79.88%	1,808,667	74.16	534.16	Pass
Plate9-N05	2,182,984	pass	pass	82.87%	1,808,955	73.15	534.25	Pass
Plate1-D18	2,349,228	pass	pass	77.00%	1,808,991	73.45	534.26	Pass
Plate4-F13	2,032,499	pass	pass	89.05%	1,809,863	74.31	534.51	Pass
Plate8-M08	2,087,794	pass	pass	86.69%	1,809,935	72.33	534.53	Pass
Plate1-L16	2,178,448	pass	pass	83.09%	1,810,077	73.51	534.58	Pass
Plate5-J06	2,135,451	pass	pass	84.78%	1,810,471	72.21	534.69	Pass
Plate10-K11	2,159,892	pass	pass	83.83%	1,810,604	75.04	534.73	Pass
Plate7-C14	2,130,112	pass	pass	85.02%	1,811,087	74.13	534.88	Pass
Plate7-D15	2,125,821	pass	pass	85.21%	1,811,409	73.07	534.97	Pass
Plate1-D14	2,166,282	pass	pass	83.62%	1,811,486	74.13	534.99	Pass
Plate7-I12	2,155,487	pass	pass	84.05%	1,811,704	74.72	535.06	Pass
Plate4-M18	2,085,644	pass	pass	86.87%	1,811,883	72.39	535.11	Pass
Plate10-K22	2,219,177	pass	pass	81.65%	1,811,995	74.63	535.14	Pass
Plate9-H12	2,249,080	pass	pass	80.57%	1,812,012	74.19	535.15	Pass
Plate9-D19	2,234,667	pass	pass	81.09%	1,812,047	74.31	535.16	Pass
Plate10-G07	2,183,411	pass	pass	82.99%	1,812,081	74.63	535.17	Pass
Plate2-H08	2,141,524	pass	pass	84.62%	1,812,108	74.72	535.18	Pass
Plate1-J06	2,203,621	pass	pass	82.24%	1,812,164	70.82	535.19	Pass
Plate5-J10	2,104,549	pass	pass	86.12%	1,812,343	73.21	535.25	Pass
Plate9-C14	2,160,567	pass	pass	83.88%	1,812,347	74.60	535.25	Pass
Plate9-F14	2,215,069	pass	pass	81.82%	1,812,434	75.19	535.27	Pass
Plate2-N08	2,104,135	pass	pass	86.16%	1,812,869	73.54	535.40	Pass
Plate4-G13	2,012,510	pass	pass	90.08%	1,812,951	74.45	535.43	Pass
Plate3-H11	2,095,187	pass	pass	86.53%	1,813,069	75.16	535.46	Pass
Plate4-F03	2,059,091	pass	pass	88.08%	1,813,725	73.15	535.65	Pass
Plate3-N06	2,039,828	pass	pass	88.92%	1,813,812	73.83	535.68	Pass
Plate2-I22	2,094,668	pass	pass	86.61%	1,814,123	74.01	535.77	Pass
Plate9-L11	2,147,959	pass	pass	84.46%	1,814,266	74.84	535.81	Pass
Plate7-I08	2,072,323	pass	pass	87.55%	1,814,356	74.51	535.84	Pass
Plate10-N20	2,194,498	pass	pass	82.68%	1,814,438	71.88	535.86	Pass
Plate9-L05	2,254,580	pass	pass	80.48%	1,814,538	72.42	535.89	Pass
Plate5-I18	2,101,952	pass	pass	86.33%	1,814,649	73.63	535.93	Pass
Plate1-L21	2,096,083	pass	pass	86.58%	1,814,892	72.80	536.00	Pass
Plate2-M17	2,107,342	pass	pass	86.12%	1,814,916	74.45	536.01	Pass
Plate3-K03	2,208,380	pass	pass	82.19%	1,815,022	71.80	536.04	Pass
Plate1-M20	2,125,012	pass	pass	85.42%	1,815,169	71.23	536.08	Pass

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Plate4-D10	2,314,013	pass	pass	78.45%	1,815,394	69.88	536.15	Pass
Plate6-D17	2,127,540	pass	pass	85.33%	1,815,449	72.80	536.16	Pass
Plate7-H04	2,174,994	pass	pass	83.52%	1,816,449	72.30	536.46	Pass
Plate6-I12	2,129,805	pass	pass	85.29%	1,816,607	72.53	536.51	Pass
Plate1-H16	2,184,762	pass	pass	83.16%	1,816,795	72.42	536.56	Pass
Plate9-C18	2,238,111	pass	pass	81.18%	1,816,817	74.78	536.57	Pass
Plate8-L16	2,064,202	pass	pass	88.04%	1,817,375	71.74	536.73	Pass
Plate7-G05	2,066,160	pass	pass	88.00%	1,818,158	73.60	536.96	Pass
Plate3-D04	2,148,997	pass	pass	84.63%	1,818,598	73.77	537.09	Pass
Plate10-M06	2,125,768	pass	pass	85.57%	1,818,941	73.42	537.19	Pass
Plate10-E22	2,285,524	pass	pass	79.65%	1,820,474	74.60	537.65	Pass
Plate6-K20	2,165,425	pass	pass	84.10%	1,821,095	71.38	537.83	Pass
Plate8-J21	2,264,360	pass	pass	80.45%	1,821,589	68.10	537.98	Pass
Plate7-N19	2,204,743	pass	pass	82.63%	1,821,714	71.56	538.01	Pass
Plate5-D20	2,135,322	pass	pass	85.32%	1,821,874	72.09	538.06	Pass
Plate8-J14	2,130,265	pass	pass	85.56%	1,822,702	72.77	538.31	Pass
Plate3-N04	2,147,844	pass	pass	84.94%	1,824,289	73.92	538.77	Pass
Plate10-F15	2,168,086	pass	pass	84.15%	1,824,356	75.37	538.79	Pass
Plate7-C05	2,078,443	pass	pass	87.78%	1,824,502	74.19	538.84	Pass
Plate2-J22	2,111,404	pass	pass	86.42%	1,824,760	72.98	538.91	Pass
Plate1-F22	2,145,697	pass	pass	85.05%	1,824,887	74.34	538.95	Pass
Plate2-K15	2,252,322	pass	pass	81.03%	1,825,040	72.95	539.00	Pass
Plate3-F04	2,099,773	pass	pass	86.92%	1,825,166	75.16	539.03	Pass
Plate1-E06	2,178,784	pass	pass	83.79%	1,825,539	70.76	539.14	Pass
Plate9-L20	2,203,765	pass	pass	82.84%	1,825,570	74.90	539.15	Pass
Plate10-C07	2,526,195	pass	pass	72.27%	1,825,605	71.65	539.16	Pass
Plate3-J13	2,063,711	pass	pass	88.47%	1,825,705	75.22	539.19	Pass
Plate6-I05	2,169,411	pass	pass	84.16%	1,825,747	72.18	539.20	Pass
Plate1-H18	2,166,506	pass	pass	84.31%	1,826,602	74.28	539.46	Pass
Plate10-G06	2,142,623	pass	pass	85.26%	1,826,884	73.57	539.54	Pass
Plate1-N15	2,111,826	pass	pass	86.52%	1,827,208	73.63	539.64	Pass
Plate10-E05	2,144,988	pass	pass	85.20%	1,827,459	74.19	539.71	Pass
Plate7-I06	2,093,801	pass	pass	87.34%	1,828,807	74.69	540.11	Pass
Plate10-F17	2,190,848	pass	pass	83.48%	1,828,932	75.01	540.15	Pass
Plate2-J08	2,111,188	pass	pass	86.63%	1,829,012	73.80	540.17	Pass
Plate6-L16	2,157,018	pass	pass	84.79%	1,829,042	72.65	540.18	Pass
Plate10-E09	2,272,839	pass	pass	80.47%	1,829,061	74.57	540.18	Pass
Plate4-G17	2,053,479	pass	pass	89.10%	1,829,721	74.37	540.38	Pass
Plate8-K04	2,089,771	pass	pass	87.57%	1,830,046	71.80	540.47	Pass
Plate10-M07	2,253,776	pass	pass	81.20%	1,830,154	72.95	540.51	Pass
Plate10-K13	2,213,391	pass	pass	82.69%	1,830,322	75.04	540.56	Pass
Plate7-D16	2,127,184	pass	pass	86.06%	1,830,564	73.30	540.63	Pass
Plate8-K06	2,074,579	pass	pass	88.26%	1,831,121	72.86	540.79	Pass
Plate9-H22	2,280,590	pass	pass	80.36%	1,832,596	74.78	541.23	Pass
Plate9-N06	2,264,160	pass	pass	80.97%	1,833,264	74.07	541.42	Pass
Plate8-I21	2,213,707	pass	pass	82.82%	1,833,380	72.62	541.46	Pass



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Plate9-N03	2,257,124	pass	pass	81.23%	1,833,421	72.65	541.47	Pass
Plate1-N19	2,135,373	pass	pass	85.87%	1,833,663	73.72	541.54	Pass
Plate9-N10	2,252,687	pass	pass	81.42%	1,834,052	74.60	541.66	Pass
Plate1-I13	2,473,852	pass	pass	74.16%	1,834,603	67.42	541.82	Pass
Plate7-C08	2,136,188	pass	pass	85.89%	1,834,706	73.86	541.85	Pass
Plate6-K08	2,191,364	pass	pass	83.74%	1,835,127	73.39	541.97	Pass
Plate8-I19	2,150,694	pass	pass	85.33%	1,835,199	72.89	542.00	Pass
Plate8-G05	2,313,698	pass	pass	79.34%	1,835,699	71.41	542.14	Pass
Plate3-I22	2,162,351	pass	pass	84.90%	1,835,908	74.69	542.21	Pass
Plate1-L06	2,192,675	pass	pass	83.73%	1,835,908	72.50	542.21	Pass
Plate1-K13	2,395,892	pass	pass	76.63%	1,835,932	67.90	542.21	Pass
Plate4-C19	2,145,691	pass	pass	85.57%	1,836,066	74.96	542.25	Pass
Plate1-L22	2,150,564	pass	pass	85.38%	1,836,164	72.89	542.28	Pass
Plate4-K13	2,051,125	pass	pass	89.53%	1,836,274	75.04	542.31	Pass
Plate5-E04	2,134,583	pass	pass	86.03%	1,836,281	69.58	542.32	Pass
Plate1-H17	2,138,217	pass	pass	85.89%	1,836,536	74.19	542.39	Pass
Plate7-H15	2,166,329	pass	pass	84.79%	1,836,749	73.63	542.45	Pass
Plate8-G09	2,137,916	pass	pass	85.92%	1,836,864	75.72	542.49	Pass
Plate8-E03	2,150,495	pass	pass	85.42%	1,836,939	74.48	542.51	Pass
Plate5-K13	2,073,628	pass	pass	88.59%	1,837,126	73.01	542.57	Pass
Plate7-M05	2,139,615	pass	pass	85.86%	1,837,150	74.54	542.57	Pass
Plate8-I05	2,084,718	pass	pass	88.13%	1,837,338	74.19	542.63	Pass
Plate1-G10	2,118,907	pass	pass	86.71%	1,837,358	72.50	542.63	Pass
Plate5-L16	2,139,225	pass	pass	85.89%	1,837,361	74.22	542.63	Pass
Plate6-K19	2,259,621	pass	pass	81.32%	1,837,550	71.35	542.69	Pass
Plate6-N15	2,142,421	pass	pass	85.80%	1,838,101	72.21	542.85	Pass
Plate1-L13	2,667,113	pass	pass	68.92%	1,838,125	68.58	542.86	Pass
Plate2-L14	2,222,884	pass	pass	82.72%	1,838,693	75.19	543.03	Pass
Plate1-C13	2,621,808	pass	pass	70.13%	1,838,727	68.02	543.04	Pass
Plate5-M09	2,136,830	pass	pass	86.06%	1,838,881	72.21	543.08	Pass
Plate10-H03	2,251,782	pass	pass	81.67%	1,839,021	71.56	543.12	Pass
Plate5-F22	2,143,287	pass	pass	85.81%	1,839,081	73.12	543.14	Pass
Plate4-D18	2,472,179	pass	pass	74.41%	1,839,611	70.26	543.30	Pass
Plate6-E12	2,165,119	pass	pass	84.97%	1,839,650	74.69	543.31	Pass
Plate4-C07	2,085,704	pass	pass	88.22%	1,839,960	73.80	543.40	Pass
Plate5-H18	2,185,737	pass	pass	84.19%	1,840,216	73.60	543.48	Pass
Plate5-I05	2,084,854	pass	pass	88.29%	1,840,755	73.80	543.64	Pass
Plate7-H18	2,255,650	pass	pass	81.62%	1,841,000	73.15	543.71	Pass
Plate3-F18	2,149,502	pass	pass	85.66%	1,841,254	74.51	543.78	Pass
Plate10-G10	2,218,669	pass	pass	82.99%	1,841,298	75.78	543.80	Pass
Plate9-G03	2,344,181	pass	pass	78.56%	1,841,514	72.56	543.86	Pass
Plate9-G09	2,283,394	pass	pass	80.65%	1,841,520	74.66	543.86	Pass
Plate3-F11	2,117,181	pass	pass	86.99%	1,841,691	73.15	543.91	Pass
Plate3-I17	2,130,085	pass	pass	86.48%	1,842,101	74.28	544.03	Pass
Plate6-K22	2,148,534	pass	pass	85.78%	1,843,111	73.18	544.33	Pass
Plate3-M10	2,147,081	pass	pass	85.84%	1,843,122	74.66	544.34	Pass

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Plate2-D21	2,189,669	pass	pass	84.17%	1,843,134	72.77	544.34	Pass
Plate10-N12	2,310,749	pass	pass	79.77%	1,843,249	72.71	544.37	Pass
Plate6-L10	2,256,486	pass	pass	81.69%	1,843,387	70.91	544.41	Pass
Plate7-I05	2,079,652	pass	pass	88.64%	1,843,447	73.60	544.43	Pass
Plate1-C08	2,265,520	pass	pass	81.39%	1,843,905	70.41	544.57	Pass
Plate1-I17	2,415,311	pass	pass	76.35%	1,844,177	68.34	544.65	Pass
Plate1-F15	2,134,134	pass	pass	86.42%	1,844,251	75.10	544.67	Pass
Plate10-M09	2,181,822	pass	pass	84.54%	1,844,502	74.42	544.74	Pass
Plate4-E04	2,193,536	pass	pass	84.12%	1,845,241	73.01	544.96	Pass
Plate10-E07	2,243,373	pass	pass	82.27%	1,845,551	74.34	545.05	Pass
Plate7-L18	2,270,448	pass	pass	81.30%	1,845,984	73.86	545.18	Pass
Plate10-C17	2,223,846	pass	pass	83.02%	1,846,217	75.31	545.25	Pass
Plate9-H09	2,261,825	pass	pass	81.65%	1,846,675	73.95	545.39	Pass
Plate3-E07	2,110,571	pass	pass	87.50%	1,846,688	74.39	545.39	Pass
Plate3-G07	2,092,970	pass	pass	88.28%	1,847,720	74.39	545.69	Pass
Plate5-J20	2,133,904	pass	pass	86.62%	1,848,383	74.19	545.89	Pass
Plate5-F10	2,117,650	pass	pass	87.28%	1,848,389	73.63	545.89	Pass
Plate7-N18	2,291,809	pass	pass	80.66%	1,848,579	74.37	545.95	Pass
Plate6-C20	2,168,462	pass	pass	85.26%	1,848,775	73.01	546.01	Pass
Plate10-G11	2,263,223	pass	pass	81.69%	1,848,787	75.01	546.01	Pass
Plate4-G09	2,074,426	pass	pass	89.15%	1,849,357	74.39	546.18	Pass
Plate7-J17	2,226,820	pass	pass	83.10%	1,850,560	74.01	546.53	Pass
Plate5-N16	2,177,826	pass	pass	84.99%	1,850,952	73.21	546.65	Pass
Plate9-K15	2,187,469	pass	pass	84.67%	1,852,098	74.81	546.99	Pass
Plate1-M12	2,176,699	pass	pass	85.09%	1,852,173	70.97	547.01	Pass
Plate3-K07	2,109,581	pass	pass	87.81%	1,852,403	72.56	547.08	Pass
Plate4-I13	2,075,919	pass	pass	89.30%	1,853,812	73.36	547.49	Pass
Plate5-F18	2,456,710	pass	pass	75.46%	1,853,913	68.93	547.52	Pass
Plate8-F08	2,438,825	pass	pass	76.02%	1,853,953	70.26	547.53	Pass
Plate10-I17	2,278,780	pass	pass	81.36%	1,854,049	75.43	547.56	Pass
Plate5-M11	2,168,335	pass	pass	85.52%	1,854,281	72.27	547.63	Pass
Plate3-N17	2,144,137	pass	pass	86.50%	1,854,769	73.63	547.78	Pass
Plate8-H19	2,148,864	pass	pass	86.33%	1,855,119	72.95	547.88	Pass
Plate4-E16	2,264,927	pass	pass	81.94%	1,855,828	71.09	548.09	Pass
Plate9-I19	2,241,328	pass	pass	82.84%	1,856,715	74.54	548.35	Pass
Plate6-M14	2,235,123	pass	pass	83.08%	1,857,003	73.48	548.44	Pass
Plate7-G15	2,215,029	pass	pass	83.84%	1,857,039	72.45	548.45	Pass
Plate9-E03	2,270,283	pass	pass	81.80%	1,857,151	74.34	548.48	Pass
Plate5-K07	2,190,907	pass	pass	84.77%	1,857,178	71.18	548.49	Pass
Plate1-M08	2,232,813	pass	pass	83.18%	1,857,211	70.67	548.50	Pass
Plate5-J04	2,236,509	pass	pass	83.05%	1,857,455	70.05	548.57	Pass
Plate2-E07	2,185,502	pass	pass	84.99%	1,857,561	74.60	548.60	Pass
Plate1-I20	2,138,394	pass	pass	86.87%	1,857,685	71.59	548.64	Pass
Plate1-M10	2,169,260	pass	pass	85.68%	1,858,596	71.09	548.91	Pass
Plate1-G17	2,416,299	pass	pass	76.93%	1,858,765	69.29	548.96	Pass
Plate10-M12	2,182,944	pass	pass	85.16%	1,859,083	75.37	549.05	Pass

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Plate1-H07	2,142,190	pass	pass	86.80%	1,859,421	75.40	549.15	Pass
Plate7-K09	2,126,784	pass	pass	87.44%	1,859,563	75.07	549.19	Pass
Plate8-D19	2,153,917	pass	pass	86.33%	1,859,571	75.07	549.19	Pass
Plate9-C17	2,320,517	pass	pass	80.16%	1,860,216	75.19	549.38	Pass
Plate6-E03	2,145,545	pass	pass	86.70%	1,860,258	72.62	549.40	Pass
Plate8-H03	2,099,006	pass	pass	88.63%	1,860,371	72.47	549.43	Pass
Plate10-K05	2,165,253	pass	pass	85.93%	1,860,643	74.04	549.51	Pass
Plate6-J04	2,232,905	pass	pass	83.37%	1,861,482	72.56	549.76	Pass
Plate4-C04	2,188,671	pass	pass	85.10%	1,862,543	74.22	550.07	Pass
Plate9-K08	2,170,560	pass	pass	85.82%	1,862,878	73.89	550.17	Pass
Plate3-F10	2,142,844	pass	pass	86.94%	1,862,891	74.60	550.17	Pass
Plate1-G15	2,294,669	pass	pass	81.19%	1,863,090	69.52	550.23	Pass
Plate3-M13	2,149,396	pass	pass	86.68%	1,863,183	72.98	550.26	Pass
Plate1-N16	2,130,824	pass	pass	87.45%	1,863,338	74.66	550.31	Pass
Plate8-N18	2,114,123	pass	pass	88.14%	1,863,362	71.15	550.31	Pass
Plate7-M14	2,209,801	pass	pass	84.34%	1,863,654	71.53	550.40	Pass
Plate10-D21	2,465,162	pass	pass	75.60%	1,863,685	73.60	550.41	Pass
Plate3-I05	2,084,065	pass	pass	89.43%	1,863,810	74.63	550.45	Pass
Plate6-E06	2,169,474	pass	pass	85.93%	1,864,211	74.34	550.56	Pass
Plate9-F11	2,258,765	pass	pass	82.54%	1,864,353	74.93	550.61	Pass
Plate7-N03	2,170,518	pass	pass	85.90%	1,864,490	73.30	550.65	Pass
Plate9-C15	2,262,391	pass	pass	82.44%	1,865,003	74.19	550.80	Pass
Plate7-K15	2,205,360	pass	pass	84.61%	1,865,862	75.16	551.05	Pass
Plate3-K10	2,139,280	pass	pass	87.22%	1,865,986	75.04	551.09	Pass
Plate9-H03	2,285,364	pass	pass	81.66%	1,866,307	71.44	551.18	Pass
Plate10-N21	2,304,608	pass	pass	80.99%	1,866,603	73.18	551.27	Pass
Plate4-K16	2,154,702	pass	pass	86.64%	1,866,937	72.50	551.37	Pass
Plate5-H06	2,227,647	pass	pass	83.82%	1,867,241	70.11	551.46	Pass
Plate3-K18	2,196,848	pass	pass	85.02%	1,867,747	75.31	551.61	Pass
Plate6-I20	2,255,552	pass	pass	82.83%	1,868,270	73.04	551.76	Pass
Plate3-K13	2,166,125	pass	pass	86.26%	1,868,450	72.53	551.82	Pass
Plate4-J21	2,240,446	pass	pass	83.40%	1,868,598	72.92	551.86	Pass
Plate9-E04	2,239,072	pass	pass	83.45%	1,868,610	73.77	551.86	Pass
Plate5-N22	2,233,445	pass	pass	83.67%	1,868,689	73.86	551.89	Pass
Plate2-E13	2,518,714	pass	pass	74.21%	1,869,019	71.56	551.98	Pass
Plate4-N09	2,124,710	pass	pass	87.98%	1,869,288	73.15	552.06	Pass
Plate3-K14	2,140,939	pass	pass	87.32%	1,869,518	74.42	552.13	Pass
Plate9-I10	2,270,490	pass	pass	82.35%	1,869,639	74.87	552.17	Pass
Plate10-I18	2,327,980	pass	pass	80.34%	1,870,338	75.40	552.37	Pass
Plate3-I09	2,149,944	pass	pass	87.00%	1,870,382	73.30	552.39	Pass
Plate10-H17	2,227,160	pass	pass	83.99%	1,870,600	74.57	552.45	Pass
Plate3-G18	2,169,595	pass	pass	86.22%	1,870,631	74.75	552.46	Pass
Plate9-H04	2,277,088	pass	pass	82.16%	1,870,831	73.24	552.52	Pass
Plate9-L04	2,339,103	pass	pass	79.98%	1,870,891	72.09	552.54	Pass
Plate1-H05	2,246,558	pass	pass	83.28%	1,870,999	70.11	552.57	Pass
Plate1-I03	2,192,383	pass	pass	85.37%	1,871,559	73.21	552.73	Pass

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Plate10-N22	2,443,395	pass	pass	76.62%	1,872,088	70.56	552.89	Pass
Plate7-D08	2,227,192	pass	pass	84.06%	1,872,267	74.57	552.94	Pass
Plate7-J03	2,217,413	pass	pass	84.47%	1,872,975	74.54	553.15	Pass
Plate5-F08	2,192,643	pass	pass	85.43%	1,873,173	73.01	553.21	Pass
Plate4-E10	2,193,249	pass	pass	85.41%	1,873,241	73.74	553.23	Pass
Plate5-N06	2,181,967	pass	pass	85.86%	1,873,452	73.27	553.29	Pass
Plate4-F07	2,137,568	pass	pass	87.67%	1,874,053	74.78	553.47	Pass
Plate1-C07	2,169,270	pass	pass	86.40%	1,874,184	73.98	553.51	Pass
Plate2-H05	2,214,969	pass	pass	84.64%	1,874,774	74.22	553.68	Pass
Plate4-F05	2,369,664	pass	pass	79.13%	1,875,217	72.12	553.81	Pass
Plate8-C08	2,403,936	pass	pass	78.02%	1,875,443	69.67	553.88	Pass
Plate3-C13	2,164,715	pass	pass	86.65%	1,875,718	74.51	553.96	Pass
Plate9-I08	2,227,876	pass	pass	84.19%	1,875,756	74.63	553.97	Pass
Plate3-C16	2,200,487	pass	pass	85.24%	1,875,786	73.86	553.98	Pass
Plate5-G15	2,250,763	pass	pass	83.34%	1,875,794	72.45	553.99	Pass
Plate5-J15	2,236,943	pass	pass	83.87%	1,876,156	72.71	554.09	Pass
Plate10-K06	2,224,886	pass	pass	84.33%	1,876,313	73.18	554.14	Pass
Plate2-C10	2,162,869	pass	pass	86.77%	1,876,739	73.04	554.26	Pass
Plate3-D06	2,223,389	pass	pass	84.43%	1,877,107	74.72	554.37	Pass
Plate7-M17	2,205,799	pass	pass	85.14%	1,877,973	74.48	554.63	Pass
Plate1-N10	2,197,000	pass	pass	85.48%	1,878,003	70.08	554.64	Pass
Plate4-N21	2,138,055	pass	pass	87.84%	1,878,137	74.69	554.68	Pass
Plate1-J15	2,550,977	pass	pass	73.63%	1,878,353	68.75	554.74	Pass
Plate6-L07	2,258,322	pass	pass	83.20%	1,879,000	72.27	554.93	Pass
Plate7-I10	2,192,324	pass	pass	85.71%	1,879,059	74.99	554.95	Pass
Plate5-D12	2,170,375	pass	pass	86.59%	1,879,337	73.30	555.03	Pass
Plate2-M15	2,262,840	pass	pass	83.08%	1,879,891	71.85	555.20	Pass
Plate9-L19	2,260,781	pass	pass	83.18%	1,880,628	74.07	555.41	Pass
Plate6-E09	2,226,730	pass	pass	84.46%	1,880,678	72.95	555.43	Pass
Plate4-D05	2,183,602	pass	pass	86.15%	1,881,262	75.04	555.60	Pass
Plate3-C14	2,229,678	pass	pass	84.38%	1,881,292	74.63	555.61	Pass
Plate1-G16	2,146,326	pass	pass	87.66%	1,881,525	72.95	555.68	Pass
Plate6-K10	2,310,047	pass	pass	81.47%	1,881,925	72.59	555.80	Pass
Plate8-E06	2,359,676	pass	pass	79.76%	1,881,978	72.24	555.81	Pass
Plate7-L19	2,234,269	pass	pass	84.25%	1,882,362	74.07	555.92	Pass
Plate10-C20	2,356,435	pass	pass	79.90%	1,882,834	73.63	556.06	Pass
Plate5-D07	2,154,249	pass	pass	87.44%	1,883,617	73.24	556.30	Pass
Plate4-F19	2,634,840	pass	pass	71.50%	1,883,967	67.42	556.40	Pass
Plate3-H14	2,226,512	pass	pass	84.63%	1,884,345	75.28	556.51	Pass
Plate4-E09	2,152,528	pass	pass	87.54%	1,884,377	75.31	556.52	Pass
Plate9-E05	2,194,609	pass	pass	85.88%	1,884,780	74.63	556.64	Pass
Plate6-N10	2,209,894	pass	pass	85.30%	1,885,143	70.41	556.75	Pass
Plate7-J15	2,319,804	pass	pass	81.28%	1,885,539	73.95	556.86	Pass
Plate2-J16	2,175,581	pass	pass	86.67%	1,885,648	74.45	556.90	Pass
Plate3-J20	2,148,428	pass	pass	87.78%	1,885,914	74.78	556.97	Pass
Plate8-G08	2,160,381	pass	pass	87.31%	1,886,128	74.99	557.04	Pass

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Plate7-D17	2,221,313	pass	pass	84.91%	1,886,178	73.39	557.05	Pass
Plate4-H13	2,141,442	pass	pass	88.08%	1,886,256	73.80	557.08	Pass
Plate3-N16	2,140,762	pass	pass	88.13%	1,886,549	74.22	557.16	Pass
Plate5-F14	2,222,194	pass	pass	84.90%	1,886,685	73.92	557.20	Pass
Plate4-N12	2,151,605	pass	pass	87.71%	1,887,145	72.06	557.34	Pass
Plate4-I14	2,132,012	pass	pass	88.57%	1,888,219	75.07	557.65	Pass
Plate9-D22	2,361,773	pass	pass	79.95%	1,888,303	73.80	557.68	Pass
Plate7-J18	2,351,230	pass	pass	80.31%	1,888,377	73.92	557.70	Pass
Plate5-J13	2,623,428	pass	pass	71.99%	1,888,511	69.34	557.74	Pass
Plate9-H08	2,277,665	pass	pass	82.94%	1,889,160	74.07	557.93	Pass
Plate3-L10	2,224,938	pass	pass	84.98%	1,890,647	74.01	558.37	Pass
Plate1-I16	2,359,176	pass	pass	80.14%	1,890,756	70.05	558.40	Pass
Plate3-C05	2,192,731	pass	pass	86.25%	1,891,252	71.41	558.55	Pass
Plate3-F22	2,139,234	pass	pass	88.44%	1,892,028	74.22	558.78	Pass
Plate9-N09	2,295,315	pass	pass	82.45%	1,892,448	74.39	558.90	Pass
Plate9-F22	2,303,466	pass	pass	82.22%	1,893,838	74.69	559.31	Pass
Plate8-G07	2,250,959	pass	pass	84.15%	1,894,106	73.80	559.39	Pass
Plate7-M11	2,203,010	pass	pass	85.98%	1,894,124	74.31	559.40	Pass
Plate1-M16	2,182,795	pass	pass	86.78%	1,894,334	72.95	559.46	Pass
Plate4-I19	2,144,342	pass	pass	88.35%	1,894,536	73.15	559.52	Pass
Plate7-E05	2,140,984	pass	pass	88.50%	1,894,869	73.12	559.62	Pass
Plate2-L08	2,220,020	pass	pass	85.38%	1,895,423	75.19	559.78	Pass
Plate8-M11	2,195,369	pass	pass	86.35%	1,895,671	72.71	559.86	Pass
Plate8-L09	2,132,987	pass	pass	88.89%	1,895,953	71.15	559.94	Pass
Plate1-C10	2,286,720	pass	pass	82.91%	1,896,033	71.06	559.96	Pass
Plate7-N05	2,205,786	pass	pass	86.01%	1,897,243	73.51	560.32	Pass
Plate6-I22	2,302,532	pass	pass	82.44%	1,898,200	72.06	560.60	Pass
Plate9-J03	2,262,874	pass	pass	83.89%	1,898,277	74.37	560.63	Pass
Plate2-C03	2,264,615	pass	pass	83.83%	1,898,494	74.39	560.69	Pass
Plate6-G14	2,382,229	pass	pass	79.71%	1,898,861	72.86	560.80	Pass
Plate6-G16	2,268,700	pass	pass	83.71%	1,899,112	73.74	560.87	Pass
Plate8-I18	2,153,956	pass	pass	88.20%	1,899,721	71.85	561.05	Pass
Plate7-L15	2,288,488	pass	pass	83.02%	1,900,002	74.51	561.13	Pass
Plate7-L05	2,216,730	pass	pass	85.74%	1,900,603	74.90	561.31	Pass
Plate5-J11	2,271,974	pass	pass	83.66%	1,900,626	74.22	561.32	Pass
Plate5-H08	2,295,291	pass	pass	82.81%	1,900,671	73.04	561.33	Pass
Plate9-G08	2,243,806	pass	pass	84.72%	1,900,930	74.78	561.41	Pass
Plate4-G06	2,187,997	pass	pass	86.88%	1,900,937	73.63	561.41	Pass
Plate3-E10	2,164,171	pass	pass	87.84%	1,900,953	75.52	561.42	Pass
Plate3-J11	2,182,817	pass	pass	87.09%	1,900,994	75.13	561.43	Pass
Plate5-H16	2,297,083	pass	pass	82.77%	1,901,182	71.80	561.48	Pass
Plate3-N11	2,140,349	pass	pass	88.83%	1,901,337	73.54	561.53	Pass
Plate5-I15	2,205,102	pass	pass	86.23%	1,901,473	74.48	561.57	Pass
Plate4-L12	2,306,168	pass	pass	82.48%	1,902,023	70.61	561.73	Pass
Plate5-J05	2,220,589	pass	pass	85.67%	1,902,436	70.58	561.85	Pass
Plate9-H10	2,344,964	pass	pass	81.13%	1,902,441	74.66	561.85	Pass



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Plate9-F08	2,282,822	pass	pass	83.37%	1,903,098	74.57	562.05	Pass
Plate8-H04	2,152,472	pass	pass	88.44%	1,903,614	71.88	562.20	Pass
Plate6-J06	2,265,928	pass	pass	84.01%	1,903,631	72.33	562.21	Pass
Plate9-J09	2,247,416	pass	pass	84.72%	1,904,104	75.13	562.35	Pass
Plate7-G03	2,199,220	pass	pass	86.60%	1,904,515	71.88	562.47	Pass
Plate6-K09	2,277,651	pass	pass	83.63%	1,904,906	72.50	562.58	Pass
Plate8-F09	2,246,307	pass	pass	84.80%	1,904,930	73.86	562.59	Pass
Plate6-H15	2,212,615	pass	pass	86.14%	1,905,889	73.18	562.87	Pass
Plate8-K14	2,175,166	pass	pass	87.62%	1,905,923	72.42	562.88	Pass
Plate7-N15	2,264,699	pass	pass	84.16%	1,905,974	73.54	562.90	Pass
Plate9-D04	2,276,422	pass	pass	83.74%	1,906,326	74.39	563.00	Pass
Plate10-L21	2,252,206	pass	pass	84.65%	1,906,565	74.87	563.07	Pass
Plate7-F07	2,194,274	pass	pass	86.90%	1,906,911	74.51	563.18	Pass
Plate9-L07	2,259,641	pass	pass	84.39%	1,906,955	74.93	563.19	Pass
Plate5-L14	2,267,233	pass	pass	84.14%	1,907,562	74.19	563.37	Pass
Plate6-F13	2,250,764	pass	pass	84.75%	1,907,614	72.53	563.38	Pass
Plate4-K04	2,394,532	pass	pass	79.71%	1,908,645	69.46	563.69	Pass
Plate3-D16	2,266,461	pass	pass	84.22%	1,908,856	75.28	563.75	Pass
Plate7-J14	2,353,578	pass	pass	81.13%	1,909,462	74.39	563.93	Pass
Plate8-C19	2,249,042	pass	pass	84.93%	1,910,047	74.69	564.10	Pass
Plate3-J10	2,198,610	pass	pass	86.88%	1,910,051	74.90	564.10	Pass
Plate8-J09	2,255,569	pass	pass	84.69%	1,910,323	75.81	564.18	Pass
Plate8-E10	2,336,295	pass	pass	81.78%	1,910,524	70.53	564.24	Pass
Plate3-N22	2,208,253	pass	pass	86.53%	1,910,695	74.66	564.29	Pass
Plate2-G22	2,220,174	pass	pass	86.07%	1,910,826	72.59	564.33	Pass
Plate8-F10	2,270,300	pass	pass	84.20%	1,911,555	73.36	564.55	Pass
Plate3-L19	2,519,274	pass	pass	75.91%	1,912,290	68.87	564.76	Pass
Plate8-D07	2,203,689	pass	pass	86.82%	1,913,266	72.92	565.05	Pass
Plate1-H09	2,255,720	pass	pass	84.84%	1,913,785	73.42	565.21	Pass
Plate2-J18	2,231,229	pass	pass	85.79%	1,914,105	74.25	565.30	Pass
Plate3-D10	2,253,462	pass	pass	84.94%	1,914,146	75.55	565.31	Pass
Plate5-D13	2,272,158	pass	pass	84.29%	1,915,160	74.19	565.61	Pass
Plate4-F09	2,212,465	pass	pass	86.57%	1,915,410	74.72	565.69	Pass
Plate4-D20	2,327,810	pass	pass	82.29%	1,915,459	71.47	565.70	Pass
Plate1-E17	2,293,986	pass	pass	83.52%	1,915,878	70.17	565.82	Pass
Plate9-C05	2,186,371	pass	pass	87.63%	1,915,933	74.87	565.84	Pass
Plate3-I11	2,193,794	pass	pass	87.34%	1,916,165	74.51	565.91	Pass
Plate8-M16	2,218,785	pass	pass	86.36%	1,916,201	71.77	565.92	Pass
Plate8-E17	2,248,283	pass	pass	85.28%	1,917,304	73.72	566.24	Pass
Plate4-L20	2,440,127	pass	pass	78.59%	1,917,680	68.99	566.36	Pass
Plate2-G15	2,278,840	pass	pass	84.16%	1,917,935	72.77	566.43	Pass
Plate10-F09	2,328,354	pass	pass	82.39%	1,918,224	74.75	566.52	Pass
Plate1-N22	2,263,806	pass	pass	84.78%	1,919,299	73.86	566.83	Pass
Plate8-I20	2,243,124	pass	pass	85.58%	1,919,558	72.50	566.91	Pass
Plate5-I13	2,190,640	pass	pass	87.65%	1,920,170	73.86	567.09	Pass
Plate7-E13	2,228,337	pass	pass	86.20%	1,920,744	75.10	567.26	Pass

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Plate8-I08	2,203,604	pass	pass	87.17%	1,920,987	71.38	567.33	Pass
Plate8-H08	2,200,221	pass	pass	87.33%	1,921,377	72.71	567.45	Pass
Plate7-G11	2,234,372	pass	pass	85.99%	1,921,402	72.36	567.45	Pass
Plate6-E18	2,373,070	pass	pass	81.00%	1,922,299	73.69	567.72	Pass
Plate8-N19	2,191,925	pass	pass	87.74%	1,923,116	72.12	567.96	Pass
Plate8-H11	2,220,019	pass	pass	86.64%	1,923,484	73.95	568.07	Pass
Plate6-K11	2,559,947	pass	pass	75.17%	1,924,189	70.08	568.28	Pass
Plate3-I19	2,204,048	pass	pass	87.32%	1,924,508	74.78	568.37	Pass
Plate3-C06	2,208,711	pass	pass	87.14%	1,924,570	74.69	568.39	Pass
Plate4-J17	3,053,851	pass	pass	63.06%	1,925,745	65.68	568.74	Pass
Plate8-F11	2,187,411	pass	pass	88.05%	1,926,122	73.92	568.85	Pass
Plate9-E13	2,343,482	pass	pass	82.22%	1,926,749	74.93	569.03	Pass
Plate9-E15	2,288,182	pass	pass	84.25%	1,927,751	74.93	569.33	Pass
Plate9-I05	2,303,638	pass	pass	83.68%	1,927,754	75.31	569.33	Pass
Plate8-E09	2,244,197	pass	pass	85.90%	1,927,798	74.72	569.34	Pass
Plate4-M19	2,181,251	pass	pass	88.39%	1,928,068	73.21	569.42	Pass
Plate9-G07	2,284,356	pass	pass	84.41%	1,928,116	74.63	569.44	Pass
Plate3-D15	2,244,602	pass	pass	85.90%	1,928,207	74.87	569.46	Pass
Plate3-E14	2,193,787	pass	pass	87.90%	1,928,447	74.63	569.54	Pass
Plate7-M09	2,217,452	pass	pass	87.00%	1,929,106	75.34	569.73	Pass
Plate7-I19	2,258,579	pass	pass	85.42%	1,929,249	75.34	569.77	Pass
Plate9-D03	2,406,903	pass	pass	80.16%	1,929,268	74.07	569.78	Pass
Plate6-E07	2,302,177	pass	pass	83.81%	1,929,420	73.60	569.82	Pass
Plate10-G09	2,307,906	pass	pass	83.61%	1,929,541	75.19	569.86	Pass
Plate5-C07	2,210,224	pass	pass	87.36%	1,930,755	73.27	570.22	Pass
Plate2-I03	2,282,935	pass	pass	84.60%	1,931,300	75.31	570.38	Pass
Plate10-N03	2,448,227	pass	pass	78.90%	1,931,660	72.95	570.48	Pass
Plate8-D11	2,288,828	pass	pass	84.42%	1,932,121	74.51	570.62	Pass
Plate6-D18	2,249,583	pass	pass	85.89%	1,932,186	72.65	570.64	Pass
Plate9-I17	2,536,437	pass	pass	76.18%	1,932,205	75.58	570.65	Pass
Plate1-N03	2,301,151	pass	pass	84.02%	1,933,473	72.98	571.02	Pass
Plate1-D19	2,451,729	pass	pass	78.87%	1,933,670	72.15	571.08	Pass
Plate3-H04	2,213,780	pass	pass	87.35%	1,933,675	74.54	571.08	Pass
Plate4-N15	2,189,117	pass	pass	88.34%	1,933,876	73.92	571.14	Pass
Plate8-D08	2,177,473	pass	pass	88.83%	1,934,163	74.84	571.22	Pass
Plate9-H14	2,378,640	pass	pass	81.32%	1,934,212	75.55	571.24	Pass
Plate3-M14	2,233,908	pass	pass	86.65%	1,935,630	75.31	571.66	Pass
Plate8-D13	2,241,273	pass	pass	86.37%	1,935,797	75.07	571.71	Pass
Plate2-M16	2,406,721	pass	pass	80.44%	1,936,078	71.74	571.79	Pass
Plate9-I06	2,261,447	pass	pass	85.62%	1,936,356	75.78	571.87	Pass
Plate10-E12	2,361,591	pass	pass	82.00%	1,936,480	75.58	571.91	Pass
Plate1-K15	2,414,704	pass	pass	80.21%	1,936,868	68.84	572.02	Pass
Plate2-I13	2,338,487	pass	pass	82.84%	1,937,141	73.04	572.10	Pass
Plate10-N07	2,326,708	pass	pass	83.28%	1,937,712	73.69	572.27	Pass
Plate10-I12	2,201,951	pass	pass	88.04%	1,938,617	74.63	572.54	Pass
Plate1-H08	2,314,536	pass	pass	83.76%	1,938,670	72.24	572.55	Pass



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Plate6-K05	2,381,668	pass	pass	81.41%	1,938,940	73.36	572.63	Pass
Plate3-N13	2,183,016	pass	pass	88.84%	1,939,412	74.48	572.77	Pass
Plate7-J05	2,214,955	pass	pass	87.57%	1,939,620	74.57	572.84	Pass
Plate10-H05	2,266,204	pass	pass	85.60%	1,939,762	73.80	572.88	Pass
Plate9-N22	2,455,480	pass	pass	79.00%	1,939,888	74.31	572.91	Pass
Plate6-K13	2,556,622	pass	pass	75.88%	1,939,945	69.29	572.93	Pass
Plate9-K09	2,296,269	pass	pass	84.51%	1,940,525	74.96	573.10	Pass
Plate6-E16	2,543,361	pass	pass	76.30%	1,940,644	71.32	573.14	Pass
Plate6-H13	2,256,943	pass	pass	86.01%	1,941,265	73.86	573.32	Pass
Plate6-D08	2,265,509	pass	pass	85.71%	1,941,665	73.21	573.44	Pass
Plate8-C18	2,254,966	pass	pass	86.11%	1,941,752	73.45	573.46	Pass
Plate3-L11	2,233,590	pass	pass	86.96%	1,942,274	74.34	573.62	Pass
Plate1-J18	2,265,956	pass	pass	85.72%	1,942,484	74.93	573.68	Pass
Plate10-D19	2,370,718	pass	pass	81.95%	1,942,757	73.89	573.76	Pass
Plate10-D05	2,314,749	pass	pass	83.93%	1,942,822	75.28	573.78	Pass
Plate6-E22	2,234,055	pass	pass	86.97%	1,942,912	73.21	573.81	Pass
Plate1-H11	2,243,876	pass	pass	86.59%	1,942,958	74.72	573.82	Pass
Plate10-G16	2,320,193	pass	pass	83.75%	1,943,080	75.69	573.86	Pass
Plate9-L22	2,470,089	pass	pass	78.67%	1,943,119	75.34	573.87	Pass
Plate3-K08	2,243,182	pass	pass	86.63%	1,943,192	74.75	573.89	Pass
Plate3-I06	2,184,703	pass	pass	88.95%	1,943,228	73.45	573.90	Pass
Plate3-G08	2,238,668	pass	pass	86.81%	1,943,404	75.87	573.95	Pass
Plate5-F16	2,440,076	pass	pass	79.65%	1,943,506	69.61	573.98	Pass
Plate9-D17	2,376,182	pass	pass	81.81%	1,944,010	75.19	574.13	Pass
Plate1-L15	2,471,921	pass	pass	78.65%	1,944,143	71.38	574.17	Pass
Plate5-G09	2,254,376	pass	pass	86.28%	1,945,108	72.47	574.46	Pass
Plate10-D03	2,361,344	pass	pass	82.41%	1,945,940	75.19	574.70	Pass
Plate4-F11	2,862,782	pass	pass	67.98%	1,946,117	67.81	574.75	Pass
Plate8-E19	2,706,087	pass	pass	71.93%	1,946,371	69.49	574.83	Pass
Plate5-C17	2,218,676	pass	pass	87.76%	1,947,097	72.56	575.04	Pass
Plate6-L11	2,438,756	pass	pass	79.88%	1,948,015	73.24	575.31	Pass
Plate9-D12	2,354,896	pass	pass	82.74%	1,948,419	75.49	575.43	Pass
Plate6-L09	2,293,535	pass	pass	85.00%	1,949,565	72.98	575.77	Pass
Plate6-G11	2,341,057	pass	pass	83.28%	1,949,672	73.27	575.80	Pass
Plate9-I12	2,343,876	pass	pass	83.20%	1,950,173	75.61	575.95	Pass
Plate1-C17	2,561,658	pass	pass	76.15%	1,950,645	68.99	576.09	Pass
Plate8-J13	2,295,194	pass	pass	85.00%	1,950,902	72.33	576.17	Pass
Plate4-D19	2,230,936	pass	pass	87.47%	1,951,445	75.07	576.33	Pass
Plate8-M07	2,256,181	pass	pass	86.51%	1,951,865	70.38	576.45	Pass
Plate1-F03	2,285,815	pass	pass	85.39%	1,951,935	72.68	576.47	Pass
Plate2-L16	2,356,463	pass	pass	82.87%	1,952,803	71.88	576.73	Pass
Plate1-M14	2,245,375	pass	pass	86.97%	1,952,819	73.12	576.73	Pass
Plate6-N19	2,298,223	pass	pass	84.98%	1,952,996	72.74	576.79	Pass
Plate6-D16	2,380,598	pass	pass	82.05%	1,953,253	72.68	576.86	Pass
Plate6-E10	2,314,941	pass	pass	84.40%	1,953,882	73.39	577.05	Pass
Plate10-K10	2,315,711	pass	pass	84.38%	1,953,987	74.45	577.08	Pass

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Plate3-K09	2,252,208	pass	pass	86.76%	1,954,039	73.15	577.09	Pass
Plate8-I15	2,346,226	pass	pass	83.31%	1,954,631	73.89	577.27	Pass
Plate7-I04	2,260,260	pass	pass	86.48%	1,954,640	75.37	577.27	Pass
Plate4-H16	2,343,670	pass	pass	83.41%	1,954,822	70.26	577.32	Pass
Plate2-J14	2,326,071	pass	pass	84.04%	1,954,924	74.42	577.35	Pass
Plate9-J06	2,309,736	pass	pass	84.65%	1,955,241	74.90	577.45	Pass
Plate3-I16	2,229,925	pass	pass	87.69%	1,955,371	72.77	577.49	Pass
Plate6-H08	2,309,876	pass	pass	84.66%	1,955,449	72.86	577.51	Pass
Plate7-H07	2,314,375	pass	pass	84.52%	1,956,030	74.90	577.68	Pass
Plate6-F05	2,306,022	pass	pass	84.87%	1,957,108	72.45	578.00	Pass
Plate9-D05	2,313,116	pass	pass	84.63%	1,957,675	74.63	578.17	Pass
Plate6-G04	2,428,598	pass	pass	80.62%	1,957,915	71.47	578.24	Pass
Plate7-D13	2,271,944	pass	pass	86.18%	1,958,030	74.54	578.27	Pass
Plate2-I17	2,366,818	pass	pass	82.75%	1,958,528	75.25	578.42	Pass
Plate9-N16	2,405,572	pass	pass	81.42%	1,958,543	74.63	578.42	Pass
Plate1-J07	2,282,428	pass	pass	85.81%	1,958,610	73.07	578.44	Pass
Plate4-D14	2,307,571	pass	pass	84.89%	1,958,865	72.65	578.52	Pass
Plate1-I05	2,307,826	pass	pass	84.89%	1,959,155	71.85	578.60	Pass
Plate10-K16	2,374,255	pass	pass	82.54%	1,959,666	73.95	578.76	Pass
Plate9-I14	2,448,138	pass	pass	80.06%	1,959,957	75.43	578.84	Pass
Plate5-J22	2,267,623	pass	pass	86.44%	1,960,051	74.04	578.87	Pass
Plate10-C22	2,424,643	pass	pass	80.85%	1,960,354	75.31	578.96	Pass
Plate5-L04	2,365,387	pass	pass	82.91%	1,961,201	70.26	579.21	Pass
Plate3-D11	2,249,818	pass	pass	87.20%	1,961,899	74.37	579.41	Pass
Plate5-J14	2,329,723	pass	pass	84.22%	1,962,058	74.39	579.46	Pass
Plate9-G13	2,322,072	pass	pass	84.50%	1,962,069	74.69	579.47	Pass
Plate6-I15	2,354,707	pass	pass	83.33%	1,962,172	72.71	579.50	Pass
Plate8-G11	2,277,731	pass	pass	86.16%	1,962,425	75.63	579.57	Pass
Plate3-L04	2,352,806	pass	pass	83.42%	1,962,601	72.18	579.62	Pass
Plate5-C15	2,210,957	pass	pass	88.77%	1,962,712	73.01	579.66	Pass
Plate2-J05	2,303,319	pass	pass	85.23%	1,963,088	75.31	579.77	Pass
Plate2-H16	2,378,729	pass	pass	82.53%	1,963,166	73.54	579.79	Pass
Plate3-M08	2,225,322	pass	pass	88.24%	1,963,701	74.75	579.95	Pass
Plate6-G09	2,384,336	pass	pass	82.37%	1,963,993	72.68	580.03	Pass
Plate4-C13	2,652,129	pass	pass	74.05%	1,964,027	68.72	580.04	Pass
Plate1-J04	2,435,924	pass	pass	80.64%	1,964,432	71.94	580.16	Pass
Plate1-K07	2,267,387	pass	pass	86.64%	1,964,455	71.47	580.17	Pass
Plate5-N10	2,339,640	pass	pass	83.96%	1,964,477	72.39	580.18	Pass
Plate4-J12	2,293,583	pass	pass	85.66%	1,964,673	72.50	580.23	Pass
Plate3-D18	2,362,689	pass	pass	83.16%	1,964,701	75.72	580.24	Pass
Plate5-D05	2,238,465	pass	pass	87.79%	1,965,052	73.36	580.35	Pass
Plate3-L22	2,238,262	pass	pass	87.80%	1,965,196	74.72	580.39	Pass
Plate2-F19	2,316,235	pass	pass	84.85%	1,965,332	74.22	580.43	Pass
Plate1-N11	2,301,847	pass	pass	85.40%	1,965,692	72.53	580.54	Pass
Plate8-D15	2,269,397	pass	pass	86.64%	1,966,102	75.43	580.66	Pass
Plate1-M13	2,289,003	pass	pass	85.91%	1,966,475	71.65	580.77	Pass

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Plate10-J22	2,496,424	pass	pass	78.82%	1,967,712	73.10	581.13	Pass
Plate5-J08	2,277,347	pass	pass	86.44%	1,968,522	74.42	581.37	Pass
Plate10-I06	2,249,141	pass	pass	87.53%	1,968,683	73.69	581.42	Pass
Plate9-F18	2,443,033	pass	pass	80.59%	1,968,852	75.43	581.47	Pass
Plate8-G06	2,331,022	pass	pass	84.46%	1,968,853	72.47	581.47	Pass
Plate10-I04	2,364,590	pass	pass	83.33%	1,970,363	71.94	581.91	Pass
Plate5-M08	2,354,412	pass	pass	83.70%	1,970,577	71.44	581.98	Pass
Plate1-G08	2,256,481	pass	pass	87.33%	1,970,633	72.98	581.99	Pass
Plate3-E03	2,256,491	pass	pass	87.34%	1,970,764	73.39	582.03	Pass
Plate9-L12	2,402,762	pass	pass	82.04%	1,971,128	76.02	582.14	Pass
Plate2-L18	2,400,562	pass	pass	82.13%	1,971,676	74.07	582.30	Pass
Plate3-C10	2,332,635	pass	pass	84.54%	1,972,107	75.58	582.43	Pass
Plate9-J12	2,370,564	pass	pass	83.19%	1,972,157	75.96	582.44	Pass
Plate3-N14	2,233,558	pass	pass	88.31%	1,972,410	74.13	582.52	Pass
Plate5-F11	2,641,575	pass	pass	74.67%	1,972,468	69.20	582.54	Pass
Plate6-G15	2,337,670	pass	pass	84.39%	1,972,822	72.36	582.64	Pass
Plate10-F07	2,338,474	pass	pass	84.37%	1,973,077	75.28	582.72	Pass
Plate4-E22	2,368,272	pass	pass	83.43%	1,975,961	71.00	583.57	Pass
Plate10-L03	2,624,593	pass	pass	75.29%	1,975,988	70.61	583.58	Pass
Plate5-D16	2,383,725	pass	pass	82.94%	1,977,028	73.10	583.88	Pass
Plate4-N17	2,243,843	pass	pass	88.11%	1,977,071	74.07	583.90	Pass
Plate10-C06	2,267,613	pass	pass	87.19%	1,977,214	74.99	583.94	Pass
Plate3-N09	2,227,989	pass	pass	88.75%	1,977,358	74.39	583.98	Pass
Plate10-C18	2,425,391	pass	pass	81.54%	1,977,591	75.75	584.05	Pass
Plate8-I03	2,245,733	pass	pass	88.08%	1,978,036	73.74	584.18	Pass
Plate4-G08	2,270,074	pass	pass	87.14%	1,978,055	73.10	584.19	Pass
Plate1-N17	2,292,351	pass	pass	86.30%	1,978,282	74.42	584.25	Pass
Plate5-E17	2,325,556	pass	pass	85.09%	1,978,802	71.71	584.41	Pass
Plate7-K05	2,238,287	pass	pass	88.43%	1,979,219	75.40	584.53	Pass
Plate4-H11	2,231,106	pass	pass	88.74%	1,979,850	73.27	584.72	Pass
Plate6-I10	2,424,123	pass	pass	81.70%	1,980,509	72.12	584.91	Pass
Plate10-C10	2,370,223	pass	pass	83.56%	1,980,594	74.81	584.94	Pass
Plate8-D09	2,325,612	pass	pass	85.17%	1,980,712	74.42	584.97	Pass
Plate4-J15	2,856,390	pass	pass	69.35%	1,981,039	66.69	585.07	Pass
Plate5-D08	2,334,332	pass	pass	84.92%	1,982,231	74.28	585.42	Pass
Plate6-G03	2,292,256	pass	pass	86.48%	1,982,363	72.71	585.46	Pass
Plate4-M14	2,279,886	pass	pass	86.96%	1,982,565	73.27	585.52	Pass
Plate9-N18	2,490,121	pass	pass	79.62%	1,982,675	74.37	585.55	Pass
Plate8-C07	2,329,615	pass	pass	85.12%	1,982,951	75.96	585.63	Pass
Plate5-C13	2,258,986	pass	pass	87.78%	1,982,980	73.12	585.64	Pass
Plate6-J14	2,596,823	pass	pass	76.37%	1,983,113	71.97	585.68	Pass
Plate8-J11	2,758,271	pass	pass	71.92%	1,983,656	68.64	585.84	Pass
Plate1-G03	2,404,116	pass	pass	82.52%	1,983,969	73.42	585.93	Pass
Plate8-E13	2,327,700	pass	pass	85.33%	1,986,187	73.72	586.59	Pass
Plate1-E11	2,418,986	pass	pass	82.11%	1,986,283	70.23	586.62	Pass
Plate6-D10	2,399,193	pass	pass	82.81%	1,986,829	71.32	586.78	Pass

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Plate9-J07	2,302,192	pass	pass	86.31%	1,986,937	74.84	586.81	Pass
Plate6-I06	2,405,867	pass	pass	82.59%	1,987,002	71.53	586.83	Pass
Plate1-E07	2,610,595	pass	pass	76.14%	1,987,616	71.47	587.01	Pass
Plate5-F04	2,294,408	pass	pass	86.64%	1,987,913	72.83	587.10	Pass
Plate9-K13	2,312,500	pass	pass	85.97%	1,988,015	75.22	587.13	Pass
Plate10-M10	2,331,313	pass	pass	85.28%	1,988,041	75.22	587.14	Pass
Plate1-N04	2,372,841	pass	pass	83.78%	1,988,064	71.65	587.14	Pass
Plate5-H10	2,328,628	pass	pass	85.39%	1,988,519	71.44	587.28	Pass
Plate9-H18	2,487,277	pass	pass	79.95%	1,988,663	75.52	587.32	Pass
Plate7-E17	2,308,759	pass	pass	86.15%	1,989,032	74.81	587.43	Pass
Plate10-E03	2,372,413	pass	pass	83.86%	1,989,441	73.51	587.55	Pass
Plate6-I08	2,370,109	pass	pass	83.94%	1,989,582	72.56	587.59	Pass
Plate9-L17	2,379,287	pass	pass	83.66%	1,990,493	75.25	587.86	Pass
Plate2-D19	2,321,739	pass	pass	85.75%	1,990,837	74.87	587.96	Pass
Plate1-G13	2,275,196	pass	pass	87.51%	1,990,939	73.01	587.99	Pass
Plate3-D14	2,305,594	pass	pass	86.41%	1,992,298	75.22	588.39	Pass
Plate10-I05	2,320,726	pass	pass	85.88%	1,992,929	73.24	588.58	Pass
Plate10-J05	2,389,698	pass	pass	83.40%	1,992,957	73.89	588.59	Pass
Plate1-L08	2,331,896	pass	pass	85.47%	1,993,083	73.74	588.62	Pass
Plate9-F16	2,383,262	pass	pass	83.64%	1,993,242	74.93	588.67	Pass
Plate5-M14	2,315,676	pass	pass	86.08%	1,993,355	72.09	588.70	Pass
Plate9-J16	2,753,780	pass	pass	72.41%	1,994,089	69.23	588.92	Pass
Plate3-L12	2,357,177	pass	pass	84.61%	1,994,403	73.72	589.01	Pass
Plate10-M18	2,415,860	pass	pass	82.58%	1,995,023	74.75	589.20	Pass
Plate8-D17	2,261,199	pass	pass	88.26%	1,995,721	75.28	589.40	Pass
Plate10-K14	2,332,040	pass	pass	85.58%	1,995,809	75.78	589.43	Pass
Plate5-L22	2,305,409	pass	pass	86.58%	1,995,990	73.80	589.48	Pass
Plate4-I15	2,321,249	pass	pass	86.01%	1,996,473	71.20	589.63	Pass
Plate3-I18	2,267,682	pass	pass	88.07%	1,997,226	75.52	589.85	Pass
Plate4-H09	2,252,820	pass	pass	88.66%	1,997,410	74.16	589.90	Pass
Plate1-N18	2,299,256	pass	pass	86.88%	1,997,629	74.13	589.97	Pass
Plate3-E08	2,298,361	pass	pass	86.94%	1,998,171	76.11	590.13	Pass
Plate9-D15	2,404,512	pass	pass	83.12%	1,998,578	75.81	590.25	Pass
Plate9-N08	2,424,991	pass	pass	82.44%	1,999,165	75.75	590.42	Pass
Plate6-G18	2,421,250	pass	pass	82.60%	2,000,027	73.69	590.68	Pass
Plate1-C16	2,376,377	pass	pass	84.18%	2,000,540	72.21	590.83	Pass
Plate1-J08	2,316,933	pass	pass	86.35%	2,000,575	75.16	590.84	Pass
Plate10-H15	2,428,307	pass	pass	82.39%	2,000,781	75.49	590.90	Pass
Plate7-E15	2,289,235	pass	pass	87.40%	2,000,850	74.93	590.92	Pass
Plate6-K18	2,466,994	pass	pass	81.11%	2,001,061	72.18	590.98	Pass
Plate2-G09	2,348,158	pass	pass	85.24%	2,001,559	73.01	591.13	Pass
Plate6-L13	2,325,781	pass	pass	86.06%	2,001,574	73.60	591.13	Pass
Plate9-I16	2,484,164	pass	pass	80.59%	2,001,973	75.40	591.25	Pass
Plate3-E05	2,367,426	pass	pass	84.58%	2,002,319	71.35	591.35	Pass
Plate3-G05	2,281,618	pass	pass	87.77%	2,002,500	71.91	591.41	Pass
Plate5-C09	2,304,297	pass	pass	86.91%	2,002,665	73.60	591.45	Pass

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Plate5-N08	2,334,807	pass	pass	85.78%	2,002,852	73.86	591.51	Pass
Plate1-J14	2,534,182	pass	pass	79.04%	2,003,092	70.85	591.58	Pass
Plate10-N10	2,576,752	pass	pass	77.74%	2,003,268	72.36	591.63	Pass
Plate3-L09	2,289,302	pass	pass	87.52%	2,003,670	75.90	591.75	Pass
Plate6-M03	2,335,799	pass	pass	85.78%	2,003,751	72.80	591.78	Pass
Plate7-M13	2,298,730	pass	pass	87.17%	2,003,837	74.39	591.80	Pass
Plate8-G10	2,298,096	pass	pass	87.23%	2,004,651	71.71	592.04	Pass
Plate9-D18	2,475,063	pass	pass	81.00%	2,004,909	74.93	592.12	Pass
Plate1-L09	2,412,957	pass	pass	83.11%	2,005,413	73.07	592.27	Pass
Plate7-K13	2,321,837	pass	pass	86.37%	2,005,447	75.81	592.28	Pass
Plate8-K08	2,338,869	pass	pass	85.77%	2,005,996	74.04	592.44	Pass
Plate7-G07	2,292,209	pass	pass	87.52%	2,006,158	73.39	592.49	Pass
Plate6-M18	2,406,207	pass	pass	83.40%	2,006,682	73.12	592.64	Pass
Plate6-I04	2,465,930	pass	pass	81.43%	2,008,061	72.42	593.05	Pass
Plate7-J09	2,397,911	pass	pass	83.74%	2,008,130	75.55	593.07	Pass
Plate9-J10	2,403,553	pass	pass	83.59%	2,009,077	75.25	593.35	Pass
Plate2-C07	2,323,990	pass	pass	86.47%	2,009,515	74.75	593.48	Pass
Plate2-C05	2,276,546	pass	pass	88.27%	2,009,534	74.60	593.48	Pass
Plate3-H16	2,298,084	pass	pass	87.46%	2,010,005	75.66	593.62	Pass
Plate10-G18	2,474,839	pass	pass	81.22%	2,010,108	75.55	593.65	Pass
Plate2-I16	2,280,303	pass	pass	88.18%	2,010,758	74.96	593.84	Pass
Plate2-I11	2,392,827	pass	pass	84.04%	2,010,861	75.75	593.88	Pass
Plate10-J15	2,524,164	pass	pass	79.67%	2,010,883	74.81	593.88	Pass
Plate2-D07	2,384,448	pass	pass	84.36%	2,011,567	74.63	594.08	Pass
Plate1-I09	2,313,175	pass	pass	86.97%	2,011,679	72.65	594.12	Pass
Plate8-D14	2,829,074	pass	pass	71.11%	2,011,788	68.19	594.15	Pass
Plate9-C13	2,453,337	pass	pass	82.02%	2,012,164	75.37	594.26	Pass
Plate3-M11	2,312,836	pass	pass	87.04%	2,013,067	72.98	594.53	Pass
Plate7-J08	2,373,204	pass	pass	84.85%	2,013,564	74.69	594.67	Pass
Plate5-D04	2,362,355	pass	pass	85.24%	2,013,651	74.51	594.70	Pass
Plate9-H13	2,420,373	pass	pass	83.20%	2,013,777	75.04	594.74	Pass
Plate3-N10	2,273,584	pass	pass	88.61%	2,014,650	74.66	594.99	Pass
Plate6-D13	2,441,558	pass	pass	82.53%	2,014,931	72.30	595.08	Pass
Plate2-D13	2,501,072	pass	pass	80.56%	2,014,983	74.48	595.09	Pass
Plate7-J04	2,378,571	pass	pass	84.73%	2,015,378	74.54	595.21	Pass
Plate3-L13	2,278,284	pass	pass	88.50%	2,016,172	76.14	595.44	Pass
Plate9-N15	2,462,632	pass	pass	81.89%	2,016,692	74.10	595.60	Pass
Plate5-L08	2,362,642	pass	pass	85.38%	2,017,200	74.75	595.75	Pass
Plate9-L10	2,424,312	pass	pass	83.21%	2,017,353	75.28	595.79	Pass
Plate10-J17	2,524,280	pass	pass	79.96%	2,018,319	74.78	596.08	Pass
Plate1-I07	2,470,429	pass	pass	81.73%	2,019,067	72.09	596.30	Pass
Plate1-G09	2,301,641	pass	pass	87.72%	2,019,102	73.18	596.31	Pass
Plate7-C17	2,317,279	pass	pass	87.15%	2,019,441	74.28	596.41	Pass
Plate2-G13	2,519,226	pass	pass	80.18%	2,019,998	71.15	596.57	Pass
Plate1-J09	2,374,988	pass	pass	85.11%	2,021,264	75.10	596.95	Pass
Plate10-E08	2,478,516	pass	pass	81.55%	2,021,333	75.49	596.97	Pass



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Plate1-E09	2,499,938	pass	pass	80.90%	2,022,459	72.00	597.30	Pass
Plate9-H16	2,417,599	pass	pass	83.67%	2,022,897	75.81	597.43	Pass
Plate1-D07	2,460,790	pass	pass	82.22%	2,023,371	75.04	597.57	Pass
Plate4-E17	2,691,777	pass	pass	75.18%	2,023,563	68.69	597.63	Pass
Plate9-N11	2,444,141	pass	pass	82.80%	2,023,673	75.07	597.66	Pass
Plate9-K11	2,510,368	pass	pass	80.62%	2,023,934	73.36	597.74	Pass
Plate4-F15	2,311,974	pass	pass	87.54%	2,023,967	74.78	597.75	Pass
Plate10-G14	2,451,651	pass	pass	82.58%	2,024,611	76.49	597.94	Pass
Plate10-I09	2,395,673	pass	pass	84.51%	2,024,699	75.01	597.96	Pass
Plate6-K16	2,465,333	pass	pass	82.16%	2,025,603	71.97	598.23	Pass
Plate5-I07	2,322,574	pass	pass	87.23%	2,025,876	73.39	598.31	Pass
Plate3-F14	2,294,930	pass	pass	88.28%	2,025,884	75.37	598.31	Pass
Plate3-N18	2,301,087	pass	pass	88.06%	2,026,267	74.51	598.42	Pass
Plate5-C05	2,332,773	pass	pass	86.87%	2,026,423	72.65	598.47	Pass
Plate9-J15	2,393,748	pass	pass	84.66%	2,026,481	75.25	598.49	Pass
Plate3-J22	2,283,060	pass	pass	88.78%	2,026,816	73.86	598.59	Pass
Plate7-F09	2,379,132	pass	pass	85.19%	2,026,889	74.96	598.61	Pass
Plate5-D10	2,352,785	pass	pass	86.21%	2,028,410	74.60	599.06	Pass
Plate5-N18	2,401,338	pass	pass	84.47%	2,028,483	73.45	599.08	Pass
Plate3-H22	2,287,386	pass	pass	88.71%	2,029,086	74.84	599.26	Pass
Plate7-E03	2,326,250	pass	pass	87.23%	2,029,247	75.28	599.31	Pass
Plate6-L08	2,524,893	pass	pass	80.38%	2,029,585	72.45	599.40	Pass
Plate10-E10	2,399,754	pass	pass	84.59%	2,029,964	74.42	599.52	Pass
Plate3-C09	2,390,213	pass	pass	84.95%	2,030,487	72.39	599.67	Pass
Plate2-D09	2,483,070	pass	pass	81.82%	2,031,710	75.66	600.03	Pass
Plate6-J16	2,520,636	pass	pass	80.66%	2,033,038	71.09	600.42	Pass
Plate2-G17	2,386,529	pass	pass	85.21%	2,033,639	73.10	600.60	Pass
Plate10-E04	2,474,507	pass	pass	82.22%	2,034,597	73.86	600.89	Pass
Plate6-C17	2,431,489	pass	pass	83.71%	2,035,456	72.27	601.14	Pass
Plate7-D07	2,380,966	pass	pass	85.51%	2,035,911	74.81	601.27	Pass
Plate8-I06	2,322,691	pass	pass	87.67%	2,036,257	73.69	601.38	Pass
Plate9-N19	2,520,163	pass	pass	80.81%	2,036,515	73.72	601.45	Pass
Plate3-I10	2,328,859	pass	pass	87.50%	2,037,708	75.19	601.80	Pass
Plate10-M08	2,427,099	pass	pass	83.96%	2,037,887	74.54	601.86	Pass
Plate10-F11	2,542,531	pass	pass	80.16%	2,038,068	74.60	601.91	Pass
Plate1-F13	2,389,570	pass	pass	85.32%	2,038,701	73.60	602.10	Pass
Plate1-M15	2,375,688	pass	pass	85.85%	2,039,485	71.85	602.33	Pass
Plate6-E04	2,397,648	pass	pass	85.13%	2,041,068	74.22	602.80	Pass
Plate4-C09	2,441,742	pass	pass	83.60%	2,041,219	75.78	602.84	Pass
Plate2-E16	2,339,177	pass	pass	87.28%	2,041,566	73.48	602.94	Pass
Plate6-C16	2,501,687	pass	pass	81.62%	2,041,824	71.00	603.02	Pass
Plate8-D20	2,416,844	pass	pass	84.49%	2,041,906	68.96	603.04	Pass
Plate3-C07	2,318,894	pass	pass	88.06%	2,041,908	72.74	603.04	Pass
Plate7-I14	2,435,879	pass	pass	83.83%	2,041,912	75.55	603.05	Pass
Plate10-M13	2,707,103	pass	pass	75.45%	2,042,612	73.01	603.25	Pass
Plate9-G11	2,392,296	pass	pass	85.40%	2,043,004	74.99	603.37	Pass

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Plate9-I04	2,419,025	pass	pass	84.47%	2,043,363	75.25	603.47	Pass
Plate3-K05	2,487,261	pass	pass	82.17%	2,043,761	72.59	603.59	Pass
Plate6-G13	2,455,184	pass	pass	83.26%	2,044,276	72.53	603.74	Pass
Plate4-L21	2,396,391	pass	pass	85.31%	2,044,427	72.77	603.79	Pass
Plate8-F05	2,371,754	pass	pass	86.24%	2,045,459	72.30	604.09	Pass
Plate1-D09	2,475,410	pass	pass	82.66%	2,046,227	74.72	604.32	Pass
Plate1-C09	2,466,525	pass	pass	82.96%	2,046,236	71.20	604.32	Pass
Plate9-J18	2,622,932	pass	pass	78.05%	2,047,131	75.22	604.59	Pass
Plate6-E14	2,462,740	pass	pass	83.13%	2,047,246	73.69	604.62	Pass
Plate5-I11	2,405,126	pass	pass	85.12%	2,047,338	74.93	604.65	Pass
Plate10-H07	2,429,781	pass	pass	84.28%	2,047,758	74.72	604.77	Pass
Plate5-C11	2,328,182	pass	pass	87.96%	2,047,973	73.39	604.84	Pass
Plate1-C12	2,384,188	pass	pass	85.90%	2,048,041	72.06	604.86	Pass
Plate8-F15	2,383,416	pass	pass	85.94%	2,048,227	73.21	604.91	Pass
Plate7-C03	2,461,974	pass	pass	83.22%	2,048,820	76.55	605.09	Pass
Plate6-M11	2,495,925	pass	pass	82.11%	2,049,420	72.59	605.26	Pass
Plate9-D08	2,460,945	pass	pass	83.30%	2,049,856	75.43	605.39	Pass
Plate7-L17	2,394,618	pass	pass	85.60%	2,049,902	75.49	605.41	Pass
Plate10-F05	2,513,758	pass	pass	81.59%	2,050,953	73.39	605.72	Pass
Plate8-J06	2,410,716	pass	pass	85.08%	2,051,059	72.03	605.75	Pass
Plate2-E22	2,381,763	pass	pass	86.13%	2,051,332	72.95	605.83	Pass
Plate1-J19	2,571,185	pass	pass	79.81%	2,052,136	72.56	606.06	Pass
Plate7-H11	2,353,004	pass	pass	87.22%	2,052,238	75.55	606.10	Pass
Plate8-M09	2,562,454	pass	pass	80.09%	2,052,267	68.34	606.10	Pass
Plate7-L14	2,483,162	pass	pass	82.65%	2,052,402	75.28	606.14	Pass
Plate4-K14	2,430,015	pass	pass	84.49%	2,053,212	73.66	606.38	Pass
Plate10-N05	2,458,583	pass	pass	83.52%	2,053,426	74.07	606.45	Pass
Plate10-D17	2,442,927	pass	pass	84.09%	2,054,185	74.66	606.67	Pass
Plate10-M16	2,521,014	pass	pass	81.50%	2,054,615	72.98	606.80	Pass
Plate7-K11	2,425,314	pass	pass	84.73%	2,054,889	74.42	606.88	Pass
Plate6-I13	2,465,172	pass	pass	83.36%	2,055,005	73.39	606.91	Pass
Plate3-C04	2,389,900	pass	pass	85.99%	2,055,170	74.75	606.96	Pass
Plate1-N06	2,381,393	pass	pass	86.31%	2,055,371	71.23	607.02	Pass
Plate5-D14	2,369,862	pass	pass	86.73%	2,055,413	73.42	607.03	Pass
Plate6-M08	2,471,953	pass	pass	83.16%	2,055,781	72.47	607.14	Pass
Plate3-D12	2,456,510	pass	pass	83.70%	2,056,003	73.98	607.21	Pass
Plate8-C15	2,368,208	pass	pass	86.84%	2,056,469	75.19	607.34	Pass
Plate10-C04	2,417,871	pass	pass	85.10%	2,057,543	74.90	607.66	Pass
Plate7-N13	2,424,879	pass	pass	84.85%	2,057,582	73.15	607.67	Pass
Plate3-F08	2,388,610	pass	pass	86.18%	2,058,594	74.99	607.97	Pass
Plate4-J16	2,426,973	pass	pass	84.83%	2,058,732	71.77	608.01	Pass
Plate1-N14	2,375,478	pass	pass	86.70%	2,059,438	71.53	608.22	Pass
Plate8-D05	2,380,428	pass	pass	86.53%	2,059,668	71.59	608.29	Pass
Plate3-N08	2,330,950	pass	pass	88.41%	2,060,683	74.48	608.59	Pass
Plate7-G09	2,384,424	pass	pass	86.42%	2,060,731	73.72	608.60	Pass
Plate3-L06	2,394,498	pass	pass	86.14%	2,062,509	73.83	609.13	Pass



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Plate2-L22	2,478,537	pass	pass	83.22%	2,062,551	73.42	609.14	Pass
Plate5-K03	2,633,134	pass	pass	78.33%	2,062,613	68.72	609.16	Pass
Plate3-K11	2,567,882	pass	pass	80.34%	2,063,034	70.94	609.28	Pass
Plate6-C05	2,432,056	pass	pass	84.83%	2,063,218	72.39	609.34	Pass
Plate3-I08	2,311,034	pass	pass	89.34%	2,064,688	75.19	609.77	Pass
Plate3-G12	2,383,664	pass	pass	86.62%	2,064,724	72.86	609.78	Pass
Plate3-L08	2,406,353	pass	pass	85.83%	2,065,388	74.39	609.98	Pass
Plate1-F07	2,493,414	pass	pass	82.85%	2,065,674	73.45	610.06	Pass
Plate8-C09	2,442,572	pass	pass	84.57%	2,065,747	75.37	610.08	Pass
Plate5-N14	2,540,561	pass	pass	81.34%	2,066,386	70.97	610.27	Pass
Plate1-K08	2,366,612	pass	pass	87.32%	2,066,545	71.80	610.32	Pass
Plate3-I07	2,356,792	pass	pass	87.79%	2,069,143	75.10	611.09	Pass
Plate3-E22	2,387,487	pass	pass	86.79%	2,072,032	73.57	611.94	Pass
Plate10-E06	2,394,571	pass	pass	86.53%	2,072,061	75.34	611.95	Pass
Plate9-J22	2,511,801	pass	pass	82.50%	2,072,122	75.49	611.97	Pass
Plate4-K06	2,408,034	pass	pass	86.05%	2,072,132	71.26	611.97	Pass
Plate4-D08	2,380,631	pass	pass	87.05%	2,072,388	73.18	612.05	Pass
Plate5-C03	2,432,182	pass	pass	85.21%	2,072,511	73.10	612.08	Pass
Plate4-J06	2,428,063	pass	pass	85.36%	2,072,674	72.12	612.13	Pass
Plate2-C16	2,414,024	pass	pass	85.86%	2,072,730	73.77	612.15	Pass
Plate5-C12	2,692,263	pass	pass	76.99%	2,072,793	69.70	612.17	Pass
Plate7-I17	2,456,063	pass	pass	84.41%	2,073,166	75.52	612.28	Pass
Plate6-I18	2,522,676	pass	pass	82.19%	2,073,452	72.50	612.36	Pass
Plate8-F07	2,454,784	pass	pass	84.47%	2,073,674	74.10	612.43	Pass
Plate6-C09	2,446,930	pass	pass	84.75%	2,073,750	73.77	612.45	Pass
Plate5-E15	2,376,303	pass	pass	87.32%	2,074,929	72.12	612.80	Pass
Plate1-J22	2,402,042	pass	pass	86.39%	2,075,135	72.15	612.86	Pass
Plate4-H08	2,396,296	pass	pass	86.62%	2,075,664	72.77	613.01	Pass
Plate7-F11	2,386,802	pass	pass	87.02%	2,077,054	74.42	613.42	Pass
Plate6-I03	2,490,921	pass	pass	83.39%	2,077,109	72.86	613.44	Pass
Plate8-N08	2,380,577	pass	pass	87.25%	2,077,147	72.62	613.45	Pass
Plate4-F17	2,334,469	pass	pass	89.03%	2,078,271	75.37	613.78	Pass
Plate8-I12	2,517,346	pass	pass	82.61%	2,079,534	71.06	614.16	Pass
Plate10-C11	2,583,271	pass	pass	80.51%	2,079,837	75.10	614.25	Pass
Plate1-H15	2,576,440	pass	pass	80.73%	2,080,084	71.41	614.32	Pass
Plate2-H07	2,437,992	pass	pass	85.33%	2,080,406	74.99	614.41	Pass
Plate4-I08	2,304,470	pass	pass	90.29%	2,080,713	73.57	614.50	Pass
Plate6-N11	2,445,332	pass	pass	85.14%	2,081,859	72.50	614.84	Pass
Plate9-I03	2,434,908	pass	pass	85.50%	2,081,967	74.25	614.88	Pass
Plate4-J04	2,462,943	pass	pass	84.53%	2,082,026	72.09	614.89	Pass
Plate1-N13	2,376,395	pass	pass	87.65%	2,082,881	74.84	615.15	Pass
Plate4-E08	2,422,577	pass	pass	85.98%	2,082,955	73.77	615.17	Pass
Plate10-M22	2,540,599	pass	pass	82.05%	2,084,510	76.02	615.63	Pass
Plate4-J09	2,394,222	pass	pass	87.07%	2,084,543	74.87	615.64	Pass
Plate9-N13	2,549,241	pass	pass	81.81%	2,085,562	74.90	615.94	Pass
Plate3-J16	2,355,569	pass	pass	88.54%	2,085,604	75.04	615.95	Pass

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Plate3-I12	2,361,143	pass	pass	88.35%	2,085,985	76.02	616.06	Pass
Plate10-H11	2,455,067	pass	pass	84.97%	2,086,185	75.19	616.12	Pass
Plate2-C08	2,437,367	pass	pass	85.60%	2,086,362	73.24	616.17	Pass
Plate9-D16	2,487,825	pass	pass	83.88%	2,086,803	75.04	616.30	Pass
Plate8-I16	2,350,465	pass	pass	88.78%	2,086,835	74.10	616.31	Pass
Plate9-E09	2,462,036	pass	pass	84.76%	2,086,930	75.31	616.34	Pass
Plate9-L16	2,505,643	pass	pass	83.30%	2,087,137	74.84	616.40	Pass
Plate2-E09	2,813,111	pass	pass	74.20%	2,087,299	71.85	616.45	Pass
Plate5-J16	2,528,282	pass	pass	82.63%	2,089,047	71.53	616.97	Pass
Plate2-K08	2,477,261	pass	pass	84.36%	2,089,832	73.18	617.20	Pass
Plate2-I14	2,377,793	pass	pass	87.92%	2,090,479	75.01	617.39	Pass
Plate4-C03	2,836,761	pass	pass	73.71%	2,090,937	68.02	617.52	Pass
Plate2-D11	2,640,182	pass	pass	79.20%	2,091,020	75.52	617.55	Pass
Plate9-J13	2,429,230	pass	pass	86.08%	2,091,025	74.93	617.55	Pass
Plate7-D14	2,465,441	pass	pass	84.85%	2,091,907	74.04	617.81	Pass
Plate9-L13	2,472,108	pass	pass	84.64%	2,092,509	75.52	617.99	Pass
Plate7-G13	2,405,834	pass	pass	86.99%	2,092,772	72.74	618.07	Pass
Plate9-C03	2,487,853	pass	pass	84.15%	2,093,449	73.89	618.27	Pass
Plate6-L18	2,524,555	pass	pass	82.92%	2,093,478	72.06	618.27	Pass
Plate5-L18	2,420,654	pass	pass	86.51%	2,093,989	74.22	618.43	Pass
Plate2-M14	2,561,046	pass	pass	81.77%	2,094,189	72.33	618.48	Pass
Plate1-F11	2,782,807	pass	pass	75.26%	2,094,236	70.56	618.50	Pass
Plate4-I17	2,329,211	pass	pass	89.93%	2,094,678	74.87	618.63	Pass
Plate3-D08	2,451,388	pass	pass	85.46%	2,094,895	75.61	618.69	Pass
Plate6-I16	2,466,590	pass	pass	84.93%	2,094,948	73.63	618.71	Pass
Plate3-I03	2,407,540	pass	pass	87.03%	2,095,189	73.83	618.78	Pass
Plate8-N09	2,487,949	pass	pass	84.27%	2,096,659	69.11	619.21	Pass
Plate3-I04	2,377,330	pass	pass	88.20%	2,096,822	73.39	619.26	Pass
Plate2-C13	2,411,347	pass	pass	87.02%	2,098,326	75.28	619.71	Pass
Plate10-M11	2,819,905	pass	pass	74.42%	2,098,707	71.09	619.82	Pass
Plate6-M13	2,502,941	pass	pass	83.88%	2,099,558	72.68	620.07	Pass
Plate3-C17	2,697,064	pass	pass	77.86%	2,100,029	69.55	620.21	Pass
Plate1-H19	2,556,105	pass	pass	82.19%	2,100,839	71.20	620.45	Pass
Plate8-I22	2,377,946	pass	pass	88.42%	2,102,489	72.45	620.94	Pass
Plate10-C09	2,600,579	pass	pass	80.85%	2,102,650	75.07	620.98	Pass
Plate9-C09	2,587,305	pass	pass	81.31%	2,103,660	75.49	621.28	Pass
Plate8-C17	2,454,087	pass	pass	85.73%	2,103,800	75.40	621.32	Pass
Plate5-K11	2,464,076	pass	pass	85.38%	2,103,839	73.01	621.33	Pass
Plate2-N21	2,427,843	pass	pass	86.68%	2,104,511	76.14	621.53	Pass
Plate8-K13	2,384,091	pass	pass	88.27%	2,104,542	75.34	621.54	Pass
Plate6-H03	2,488,550	pass	pass	84.57%	2,104,635	72.74	621.57	Pass
Plate6-G08	2,572,376	pass	pass	81.83%	2,104,996	72.21	621.68	Pass
Plate10-K08	2,451,645	pass	pass	85.88%	2,105,543	75.04	621.84	Pass
Plate2-L21	2,460,064	pass	pass	85.65%	2,107,075	76.61	622.29	Pass
Plate2-I09	2,478,706	pass	pass	85.01%	2,107,190	76.05	622.32	Pass
Plate4-J22	2,394,768	pass	pass	88.01%	2,107,714	72.95	622.48	Pass

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Plate8-J03	2,687,812	pass	pass	78.45%	2,108,640	67.78	622.75	Pass
Plate2-J19	2,437,517	pass	pass	86.51%	2,108,738	75.69	622.78	Pass
Plate4-L05	2,650,888	pass	pass	79.56%	2,109,089	69.20	622.89	Pass
Plate10-K18	2,538,960	pass	pass	83.10%	2,109,749	75.46	623.08	Pass
Plate2-J15	2,452,236	pass	pass	86.04%	2,109,834	75.75	623.11	Pass
Plate7-C15	2,404,179	pass	pass	87.77%	2,110,051	73.95	623.17	Pass
Plate4-J10	2,412,730	pass	pass	87.49%	2,110,998	73.45	623.45	Pass
Plate10-I14	2,486,698	pass	pass	84.93%	2,112,025	74.10	623.75	Pass
Plate5-J09	2,671,386	pass	pass	79.08%	2,112,610	72.12	623.92	Pass
Plate10-L07	2,495,878	pass	pass	84.65%	2,112,785	75.66	623.98	Pass
Plate3-F16	2,509,644	pass	pass	84.21%	2,113,246	73.89	624.11	Pass
Plate4-N19	2,383,056	pass	pass	88.73%	2,114,458	74.42	624.47	Pass
Plate2-L07	2,416,044	pass	pass	87.52%	2,114,496	75.81	624.48	Pass
Plate8-G13	2,442,099	pass	pass	86.61%	2,115,115	73.66	624.66	Pass
Plate8-C11	2,520,372	pass	pass	83.93%	2,115,333	74.22	624.73	Pass
Plate10-I11	2,486,272	pass	pass	85.11%	2,116,156	76.02	624.97	Pass
Plate8-K17	2,436,254	pass	pass	86.89%	2,116,768	73.66	625.15	Pass
Plate7-N09	2,463,362	pass	pass	85.98%	2,117,950	73.98	625.50	Pass
Plate9-I15	2,611,656	pass	pass	81.10%	2,118,131	75.31	625.56	Pass
Plate1-E15	2,538,689	pass	pass	83.46%	2,118,719	71.47	625.73	Pass
Plate8-E04	2,523,551	pass	pass	83.99%	2,119,501	71.29	625.96	Pass
Plate9-D14	2,533,368	pass	pass	83.69%	2,120,070	75.49	626.13	Pass
Plate9-N14	2,539,381	pass	pass	83.50%	2,120,362	75.22	626.21	Pass
Plate9-J11	2,475,551	pass	pass	85.69%	2,121,288	75.52	626.49	Pass
Plate5-G13	2,491,326	pass	pass	85.15%	2,121,346	72.47	626.51	Pass
Plate2-L15	2,433,716	pass	pass	87.17%	2,121,349	75.16	626.51	Pass
Plate9-E11	2,509,300	pass	pass	84.55%	2,121,497	75.55	626.55	Pass
Plate8-F13	2,441,472	pass	pass	86.91%	2,121,893	73.21	626.67	Pass
Plate5-D15	2,529,232	pass	pass	83.91%	2,122,254	73.86	626.77	Pass
Plate10-D07	2,562,623	pass	pass	82.83%	2,122,595	75.46	626.87	Pass
Plate4-M16	2,439,639	pass	pass	87.01%	2,122,776	72.89	626.93	Pass
Plate6-J07	2,528,166	pass	pass	83.99%	2,123,328	73.42	627.09	Pass
Plate3-J12	2,515,093	pass	pass	84.45%	2,124,053	73.66	627.30	Pass
Plate8-C14	2,507,167	pass	pass	84.74%	2,124,664	73.57	627.48	Pass
Plate6-E11	2,517,688	pass	pass	84.40%	2,124,858	73.48	627.54	Pass
Plate2-L09	2,497,560	pass	pass	85.12%	2,125,960	76.14	627.87	Pass
Plate9-E07	2,527,266	pass	pass	84.12%	2,126,010	74.93	627.88	Pass
Plate3-J08	2,425,008	pass	pass	87.68%	2,126,339	75.99	627.98	Pass
Plate5-K05	2,479,186	pass	pass	85.79%	2,126,938	72.21	628.16	Pass
Plate5-G11	2,440,066	pass	pass	87.19%	2,127,569	73.27	628.34	Pass
Plate10-I08	2,439,177	pass	pass	87.24%	2,127,908	74.84	628.44	Pass
Plate4-I07	2,420,194	pass	pass	87.93%	2,127,979	76.05	628.46	Pass
Plate4-I04	2,547,129	pass	pass	83.60%	2,129,460	72.92	628.90	Pass
Plate6-L14	2,618,937	pass	pass	81.38%	2,131,317	72.27	629.45	Pass
Plate2-H19	2,430,944	pass	pass	87.68%	2,131,505	75.40	629.51	Pass
Plate5-K15	2,428,934	pass	pass	87.77%	2,131,820	72.65	629.60	Pass

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Plate4-M15	2,532,757	pass	pass	84.21%	2,132,744	71.15	629.87	Pass
Plate4-L15	2,852,776	pass	pass	74.77%	2,133,094	68.99	629.97	Pass
Plate1-N08	2,403,999	pass	pass	88.85%	2,136,072	72.68	630.85	Pass
Plate10-C13	2,692,553	pass	pass	79.34%	2,136,205	75.72	630.89	Pass
Plate6-C07	2,490,441	pass	pass	85.83%	2,137,538	73.95	631.29	Pass
Plate4-G18	2,539,801	pass	pass	84.17%	2,137,633	72.36	631.32	Pass
Plate4-N18	2,434,455	pass	pass	87.83%	2,138,144	73.07	631.47	Pass
Plate7-I15	2,500,098	pass	pass	85.53%	2,138,302	75.34	631.51	Pass
Plate4-H18	2,557,999	pass	pass	83.62%	2,138,966	71.44	631.71	Pass
Plate5-J18	2,432,722	pass	pass	87.93%	2,139,214	74.04	631.78	Pass
Plate5-D11	2,460,222	pass	pass	86.99%	2,140,125	73.30	632.05	Pass
Plate6-C14	2,508,677	pass	pass	85.36%	2,141,456	73.83	632.44	Pass
Plate7-H09	2,505,119	pass	pass	85.52%	2,142,382	75.81	632.72	Pass
Plate8-L08	2,431,240	pass	pass	88.13%	2,142,748	73.83	632.83	Pass
Plate6-D07	2,576,536	pass	pass	83.17%	2,142,810	73.48	632.84	Pass
Plate4-I03	2,437,237	pass	pass	87.93%	2,143,179	72.89	632.95	Pass
Plate2-H15	2,509,785	pass	pass	85.44%	2,144,340	75.72	633.30	Pass
Plate10-L19	2,600,180	pass	pass	82.49%	2,144,759	75.58	633.42	Pass
Plate9-L08	2,481,521	pass	pass	86.43%	2,144,849	75.52	633.45	Pass
Plate8-E07	2,567,879	pass	pass	83.53%	2,144,991	74.57	633.49	Pass
Plate4-H05	2,501,482	pass	pass	85.76%	2,145,377	71.23	633.60	Pass
Plate8-C10	2,518,003	pass	pass	85.21%	2,145,576	73.15	633.66	Pass
Plate4-K08	2,504,007	pass	pass	85.69%	2,145,668	74.04	633.69	Pass
Plate6-C18	2,483,807	pass	pass	86.39%	2,145,691	74.28	633.69	Pass
Plate2-D15	2,511,174	pass	pass	85.45%	2,145,785	75.66	633.72	Pass
Plate10-I07	2,511,063	pass	pass	85.48%	2,146,396	75.66	633.90	Pass
Plate1-J13	2,754,351	pass	pass	77.95%	2,147,086	71.03	634.11	Pass
Plate3-G03	2,466,361	pass	pass	87.17%	2,150,021	72.15	634.97	Pass
Plate2-F03	2,497,095	pass	pass	86.10%	2,150,074	73.98	634.99	Pass
Plate10-I13	2,461,730	pass	pass	87.35%	2,150,404	74.99	635.09	Pass
Plate3-G09	2,460,703	pass	pass	87.43%	2,151,283	73.45	635.35	Pass
Plate10-E16	2,810,345	pass	pass	76.57%	2,151,929	72.03	635.54	Pass
Plate2-G16	2,469,062	pass	pass	87.25%	2,154,380	73.66	636.26	Pass
Plate8-I04	2,502,802	pass	pass	86.09%	2,154,572	72.27	636.32	Pass
Plate8-E15	2,826,075	pass	pass	76.27%	2,155,534	72.74	636.60	Pass
Plate3-G14	2,449,750	pass	pass	88.00%	2,155,772	73.04	636.67	Pass
Plate6-I14	2,555,318	pass	pass	84.37%	2,155,998	73.01	636.74	Pass
Plate10-D15	2,580,732	pass	pass	83.56%	2,156,371	74.63	636.85	Pass
Plate7-I13	2,493,315	pass	pass	86.51%	2,156,886	75.49	637.00	Pass
Plate10-F13	2,593,458	pass	pass	83.19%	2,157,556	74.25	637.20	Pass
Plate5-D18	2,490,584	pass	pass	86.67%	2,158,570	73.51	637.50	Pass
Plate6-I09	2,556,063	pass	pass	84.48%	2,159,382	73.21	637.74	Pass
Plate4-H19	2,466,553	pass	pass	87.57%	2,159,939	74.10	637.90	Pass
Plate7-D11	2,550,026	pass	pass	84.73%	2,160,548	75.19	638.08	Pass
Plate3-L20	2,518,858	pass	pass	85.78%	2,160,777	74.66	638.15	Pass
Plate7-J07	2,530,178	pass	pass	85.45%	2,162,046	75.43	638.53	Pass

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Plate6-I07	2,610,121	pass	pass	82.88%	2,163,264	73.24	638.88	Pass
Plate9-J04	2,528,744	pass	pass	85.56%	2,163,576	75.28	638.98	Pass
Plate10-N17	2,716,376	pass	pass	79.69%	2,164,813	74.22	639.34	Pass
Plate7-I03	2,474,389	pass	pass	87.56%	2,166,571	74.63	639.86	Pass
Plate9-D13	2,617,499	pass	pass	82.78%	2,166,779	76.17	639.92	Pass
Plate7-M15	2,694,333	pass	pass	80.43%	2,167,086	71.20	640.01	Pass
Plate1-I14	2,515,133	pass	pass	86.20%	2,168,138	71.62	640.32	Pass
Plate7-C11	2,499,862	pass	pass	86.73%	2,168,170	75.07	640.33	Pass
Plate10-M14	2,605,849	pass	pass	83.22%	2,168,701	74.51	640.49	Pass
Plate2-D03	2,488,906	pass	pass	87.18%	2,169,713	75.16	640.79	Pass
Plate3-J17	2,752,637	pass	pass	78.87%	2,170,893	71.15	641.14	Pass
Plate8-G17	2,635,564	pass	pass	82.40%	2,171,582	74.81	641.34	Pass
Plate10-I22	2,635,450	pass	pass	82.40%	2,171,733	74.75	641.39	Pass
Plate5-I14	2,831,437	pass	pass	76.71%	2,172,126	70.05	641.50	Pass
Plate4-K18	2,512,983	pass	pass	86.44%	2,172,303	73.92	641.55	Pass
Plate8-K18	2,495,887	pass	pass	87.04%	2,172,534	72.92	641.62	Pass
Plate4-I10	2,481,802	pass	pass	87.55%	2,172,782	73.98	641.70	Pass
Plate3-J18	2,496,723	pass	pass	87.05%	2,173,419	76.02	641.88	Pass
Plate10-E14	2,804,886	pass	pass	77.50%	2,173,660	72.50	641.96	Pass
Plate6-N09	2,631,120	pass	pass	82.61%	2,173,698	70.50	641.97	Pass
Plate6-J03	2,652,652	pass	pass	81.96%	2,173,997	72.53	642.05	Pass
Plate8-L10	2,635,179	pass	pass	82.53%	2,174,807	70.41	642.29	Pass
Plate9-J08	2,555,148	pass	pass	85.12%	2,174,934	76.17	642.33	Pass
Plate7-J13	2,556,177	pass	pass	85.09%	2,175,123	74.72	642.39	Pass
Plate1-G11	2,602,266	pass	pass	83.59%	2,175,341	70.05	642.45	Pass
Plate1-F09	2,728,218	pass	pass	79.79%	2,176,802	73.42	642.88	Pass
Plate10-E18	2,584,551	pass	pass	84.23%	2,176,906	76.43	642.91	Pass
Plate4-L19	2,554,862	pass	pass	85.22%	2,177,270	73.18	643.02	Pass
Plate10-C14	2,592,187	pass	pass	84.00%	2,177,521	75.90	643.10	Pass
Plate9-J14	2,834,231	pass	pass	76.84%	2,177,876	72.24	643.20	Pass
Plate8-J04	2,498,672	pass	pass	87.17%	2,178,200	72.62	643.30	Pass
Plate7-J16	2,717,896	pass	pass	80.16%	2,178,587	72.36	643.41	Pass
Plate8-E08	2,519,474	pass	pass	86.47%	2,178,690	72.18	643.44	Pass
Plate10-H09	2,638,585	pass	pass	82.63%	2,180,351	75.10	643.93	Pass
Plate5-E09	2,481,582	pass	pass	87.87%	2,180,623	73.69	644.01	Pass
Plate4-J08	2,698,494	pass	pass	80.83%	2,181,118	70.58	644.16	Pass
Plate6-I11	2,584,316	pass	pass	84.41%	2,181,396	73.21	644.24	Pass
Plate2-L05	2,610,044	pass	pass	83.60%	2,182,050	75.90	644.43	Pass
Plate9-D09	2,621,029	pass	pass	83.26%	2,182,222	75.75	644.48	Pass
Plate10-G08	2,549,042	pass	pass	85.61%	2,182,306	76.08	644.51	Pass
Plate1-J11	2,602,568	pass	pass	83.90%	2,183,620	76.28	644.90	Pass
Plate8-I11	2,506,250	pass	pass	87.13%	2,183,663	75.93	644.91	Pass
Plate7-E07	2,495,526	pass	pass	87.52%	2,184,071	74.90	645.03	Pass
Plate7-C13	2,508,239	pass	pass	87.08%	2,184,212	75.63	645.07	Pass
Plate1-C11	2,649,036	pass	pass	82.45%	2,184,245	71.12	645.08	Pass
Plate10-C08	2,531,742	pass	pass	86.31%	2,185,106	75.87	645.34	Pass



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Plate6-D09	2,934,735	pass	pass	74.48%	2,185,863	70.11	645.56	Pass
Plate4-N16	2,617,613	pass	pass	83.52%	2,186,233	70.35	645.67	Pass
Plate9-D11	2,658,453	pass	pass	82.45%	2,191,862	75.04	647.33	Pass
Plate6-L17	2,738,374	pass	pass	80.06%	2,192,356	71.53	647.48	Pass
Plate3-H09	2,651,934	pass	pass	82.68%	2,192,652	72.06	647.56	Pass
Plate10-I10	2,503,839	pass	pass	87.62%	2,193,872	74.78	647.92	Pass
Plate8-G04	2,464,349	pass	pass	89.05%	2,194,610	72.56	648.14	Pass
Plate9-L18	2,626,121	pass	pass	83.61%	2,195,571	75.96	648.43	Pass
Plate6-J11	2,579,051	pass	pass	85.14%	2,195,810	74.07	648.50	Pass
Plate4-I16	2,484,575	pass	pass	88.40%	2,196,279	72.50	648.64	Pass
Plate7-D18	2,571,785	pass	pass	85.47%	2,198,081	73.95	649.17	Pass
Plate3-C08	2,543,781	pass	pass	86.54%	2,201,468	74.45	650.17	Pass
Plate2-F15	2,535,122	pass	pass	86.85%	2,201,684	74.99	650.23	Pass
Plate8-I10	2,573,250	pass	pass	85.61%	2,202,833	72.68	650.57	Pass
Plate10-D13	2,653,606	pass	pass	83.04%	2,203,559	75.34	650.79	Pass
Plate4-D09	2,588,133	pass	pass	85.17%	2,204,190	75.72	650.97	Pass
Plate6-C08	2,647,440	pass	pass	83.30%	2,205,299	73.01	651.30	Pass
Plate5-I09	2,537,828	pass	pass	86.90%	2,205,389	73.39	651.33	Pass
Plate9-I13	2,646,209	pass	pass	83.39%	2,206,543	75.81	651.67	Pass
Plate6-N13	2,602,743	pass	pass	84.84%	2,208,144	72.83	652.14	Pass
Plate8-H07	2,590,887	pass	pass	85.25%	2,208,623	72.45	652.28	Pass
Plate3-L05	2,521,751	pass	pass	87.64%	2,210,120	72.00	652.72	Pass
Plate4-M09	2,522,058	pass	pass	87.64%	2,210,237	71.85	652.76	Pass
Plate10-N19	2,755,523	pass	pass	80.23%	2,210,791	74.45	652.92	Pass
Plate5-J07	2,721,529	pass	pass	81.29%	2,212,289	71.18	653.36	Pass
Plate6-J09	2,803,424	pass	pass	78.92%	2,212,373	72.39	653.39	Pass
Plate2-N15	2,534,559	pass	pass	87.29%	2,212,375	76.02	653.39	Pass
Plate5-K09	2,617,519	pass	pass	84.59%	2,214,178	72.56	653.92	Pass
Plate4-E14	2,573,396	pass	pass	86.05%	2,214,343	73.72	653.97	Pass
Plate4-M08	2,538,920	pass	pass	87.27%	2,215,735	73.39	654.38	Pass
Plate5-G07	2,590,957	pass	pass	85.57%	2,217,011	71.88	654.76	Pass
Plate2-N17	2,537,484	pass	pass	87.39%	2,217,414	75.46	654.88	Pass
Plate2-N05	2,574,944	pass	pass	86.15%	2,218,227	75.22	655.12	Pass
Plate5-D09	2,567,366	pass	pass	86.44%	2,219,335	73.60	655.44	Pass
Plate3-I13	2,693,875	pass	pass	82.49%	2,222,072	71.53	656.25	Pass
Plate2-N07	2,581,671	pass	pass	86.10%	2,222,824	72.59	656.47	Pass
Plate10-L17	2,724,392	pass	pass	81.67%	2,224,923	75.72	657.09	Pass
Plate3-N19	2,616,487	pass	pass	85.05%	2,225,198	71.35	657.18	Pass
Plate4-I11	2,529,931	pass	pass	88.09%	2,228,525	72.77	658.16	Pass
Plate2-D16	2,651,938	pass	pass	84.07%	2,229,563	74.34	658.47	Pass
Plate3-C03	2,610,483	pass	pass	85.47%	2,231,297	71.85	658.98	Pass
Plate4-E13	2,657,530	pass	pass	84.02%	2,232,809	71.47	659.42	Pass
Plate9-C11	2,677,658	pass	pass	83.41%	2,233,489	76.34	659.62	Pass
Plate3-C18	2,591,539	pass	pass	86.21%	2,234,262	75.55	659.85	Pass
Plate10-L09	2,682,099	pass	pass	83.33%	2,234,980	75.75	660.06	Pass
Plate4-D11	2,582,534	pass	pass	86.56%	2,235,348	75.78	660.17	Pass



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Plate8-L13	2,550,776	pass	pass	87.65%	2,235,677	72.83	660.27	Pass
Plate8-N10	2,583,003	pass	pass	86.58%	2,236,423	71.41	660.49	Pass
Plate9-L14	2,656,934	pass	pass	84.21%	2,237,467	75.87	660.80	Pass
Plate2-D17	2,585,525	pass	pass	86.55%	2,237,808	75.78	660.90	Pass
Plate10-N09	2,691,822	pass	pass	83.15%	2,238,196	74.96	661.01	Pass
Plate8-N14	2,590,135	pass	pass	86.50%	2,240,347	71.88	661.65	Pass
Plate4-D13	2,577,271	pass	pass	87.15%	2,246,209	75.16	663.38	Pass
Plate4-D07	2,644,355	pass	pass	84.96%	2,246,556	76.40	663.48	Pass
Plate7-C09	2,588,972	pass	pass	86.80%	2,247,182	74.84	663.67	Pass
Plate7-J11	2,642,257	pass	pass	85.06%	2,247,618	75.84	663.80	Pass
Plate5-C14	2,754,680	pass	pass	81.61%	2,248,026	70.20	663.92	Pass
Plate10-C03	2,795,826	pass	pass	80.46%	2,249,584	74.72	664.38	Pass
Plate5-C08	2,622,574	pass	pass	85.78%	2,249,676	71.65	664.41	Pass
Plate8-I14	2,752,754	pass	pass	81.74%	2,250,155	71.83	664.55	Pass
Plate9-C07	2,642,696	pass	pass	85.25%	2,252,859	76.08	665.35	Pass
Plate4-D03	2,583,262	pass	pass	87.21%	2,252,900	74.01	665.36	Pass
Plate9-I07	2,618,592	pass	pass	86.04%	2,253,062	76.02	665.41	Pass
Plate3-L18	2,633,211	pass	pass	85.62%	2,254,498	75.13	665.83	Pass
Plate4-J18	2,535,327	pass	pass	88.98%	2,255,863	72.89	666.23	Pass
Plate8-N13	2,615,595	pass	pass	86.26%	2,256,214	70.70	666.34	Pass
Plate7-E09	2,572,217	pass	pass	87.72%	2,256,310	75.19	666.36	Pass
Plate5-E03	2,589,228	pass	pass	87.19%	2,257,523	72.18	666.72	Pass
Plate7-E11	2,544,975	pass	pass	88.74%	2,258,472	75.78	667.00	Pass
Plate2-F11	2,628,931	pass	pass	85.91%	2,258,578	74.81	667.03	Pass
Plate1-C15	2,633,969	pass	pass	85.75%	2,258,630	72.12	667.05	Pass
Plate7-L13	2,628,867	pass	pass	85.99%	2,260,500	76.02	667.60	Pass
Plate8-L05	2,596,103	pass	pass	87.11%	2,261,484	72.03	667.89	Pass
Plate4-I06	2,562,311	pass	pass	88.27%	2,261,677	73.48	667.95	Pass
Plate8-J08	2,645,767	pass	pass	85.54%	2,263,182	73.24	668.39	Pass
Plate4-N08	2,593,554	pass	pass	87.30%	2,264,219	72.47	668.70	Pass
Plate4-J07	2,645,281	pass	pass	85.61%	2,264,717	73.92	668.85	Pass
Plate7-C07	2,576,626	pass	pass	87.92%	2,265,457	74.93	669.07	Pass
Plate2-H03	2,632,455	pass	pass	86.09%	2,266,168	74.87	669.28	Pass
Plate10-I16	2,606,009	pass	pass	86.98%	2,266,603	75.72	669.40	Pass
Plate9-I11	2,808,772	pass	pass	80.78%	2,268,979	76.08	670.11	Pass
Plate7-I07	2,587,873	pass	pass	87.71%	2,269,884	76.26	670.37	Pass
Plate7-L09	2,616,244	pass	pass	86.78%	2,270,308	76.17	670.50	Pass
Plate7-I11	2,581,858	pass	pass	87.96%	2,270,966	75.46	670.69	Pass
Plate2-C11	2,615,182	pass	pass	86.91%	2,272,747	75.69	671.22	Pass
Plate10-D09	2,746,821	pass	pass	82.76%	2,273,188	75.72	671.35	Pass
Plate2-C09	2,648,509	pass	pass	85.88%	2,274,567	75.72	671.76	Pass
Plate4-L11	2,643,479	pass	pass	86.10%	2,275,905	74.51	672.15	Pass
Plate8-I17	2,735,607	pass	pass	83.20%	2,276,095	73.51	672.21	Pass
Plate5-E13	2,628,528	pass	pass	86.73%	2,279,618	72.56	673.25	Pass
Plate2-L17	2,595,152	pass	pass	87.85%	2,279,888	75.78	673.33	Pass
Plate8-D03	2,660,209	pass	pass	85.74%	2,280,900	72.86	673.63	Pass

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Plate7-I09	2,935,987	pass	pass	77.71%	2,281,491	69.85	673.80	Pass
Plate3-I14	2,585,682	pass	pass	88.39%	2,285,415	76.02	674.96	Pass
Plate10-D11	2,760,877	pass	pass	82.91%	2,289,069	76.14	676.04	Pass
Plate4-C15	2,690,304	pass	pass	85.09%	2,289,213	71.77	676.08	Pass
Plate2-L11	2,682,157	pass	pass	85.44%	2,291,760	76.20	676.83	Pass
Plate2-N19	2,654,010	pass	pass	86.41%	2,293,328	76.20	677.30	Pass
Plate4-I09	2,669,077	pass	pass	85.97%	2,294,597	72.50	677.67	Pass
Plate3-L16	2,725,982	pass	pass	84.23%	2,296,026	72.45	678.09	Pass
Plate2-J17	2,693,882	pass	pass	85.28%	2,297,269	75.52	678.46	Pass
Plate3-N12	2,712,364	pass	pass	84.80%	2,300,171	71.59	679.32	Pass
Plate3-H18	2,613,141	pass	pass	88.03%	2,300,395	76.58	679.38	Pass
Plate8-K05	2,639,952	pass	pass	87.34%	2,305,660	72.56	680.94	Pass
Plate2-F17	2,622,131	pass	pass	87.94%	2,305,920	76.14	681.02	Pass
Plate4-H03	2,723,522	pass	pass	84.85%	2,310,994	71.71	682.51	Pass
Plate10-J07	2,757,005	pass	pass	83.89%	2,312,892	75.66	683.08	Pass
Plate4-D15	2,648,336	pass	pass	87.40%	2,314,548	74.34	683.56	Pass
Plate2-J03	2,670,994	pass	pass	86.78%	2,317,889	75.40	684.55	Pass
Plate3-L14	2,661,209	pass	pass	87.13%	2,318,616	74.42	684.77	Pass
Plate2-E11	2,990,574	pass	pass	77.54%	2,318,787	71.85	684.82	Pass
Plate8-J16	2,676,750	pass	pass	86.70%	2,320,611	72.36	685.35	Pass
Plate8-H13	2,656,532	pass	pass	87.42%	2,322,343	73.21	685.87	Pass
Plate10-H13	2,708,881	pass	pass	85.73%	2,322,369	76.02	685.87	Pass
Plate3-J04	2,779,565	pass	pass	83.55%	2,322,451	74.54	685.90	Pass
Plate8-H17	2,729,980	pass	pass	85.08%	2,322,729	72.59	685.98	Pass
Plate2-H13	2,915,018	pass	pass	79.69%	2,323,089	71.97	686.09	Pass
Plate8-K11	2,722,007	pass	pass	85.60%	2,330,160	73.77	688.17	Pass
Plate1-D11	2,920,931	pass	pass	79.83%	2,331,856	73.63	688.68	Pass
Plate7-N11	2,753,116	pass	pass	84.73%	2,332,595	75.01	688.89	Pass
Plate2-H17	2,682,683	pass	pass	87.03%	2,334,821	76.40	689.55	Pass
Plate2-N13	2,668,163	pass	pass	87.69%	2,339,711	75.55	691.00	Pass
Plate2-N11	2,693,311	pass	pass	86.90%	2,340,611	75.19	691.26	Pass
Plate4-L18	2,739,256	pass	pass	85.58%	2,344,307	73.63	692.35	Pass
Plate9-I09	2,771,508	pass	pass	84.62%	2,345,248	75.87	692.63	Pass
Plate2-F07	2,755,537	pass	pass	85.31%	2,350,682	75.19	694.24	Pass
Plate7-L11	2,783,094	pass	pass	84.82%	2,360,515	76.34	697.14	Pass
Plate3-J09	2,868,930	pass	pass	82.31%	2,361,405	70.94	697.40	Pass
Plate4-C17	2,840,058	pass	pass	83.23%	2,363,706	72.24	698.08	Pass
Plate2-H09	2,770,557	pass	pass	85.47%	2,368,016	75.87	699.35	Pass
Plate10-N15	2,826,680	pass	pass	83.82%	2,369,353	75.19	699.75	Pass
Plate10-J09	2,841,623	pass	pass	83.48%	2,372,193	76.61	700.59	Pass
Plate8-C13	2,806,955	pass	pass	84.53%	2,372,628	76.23	700.72	Pass
Plate6-J13	2,885,519	pass	pass	82.29%	2,374,398	72.53	701.24	Pass
Plate2-H11	2,754,720	pass	pass	86.36%	2,378,870	76.46	702.56	Pass
Plate4-L08	2,762,148	pass	pass	86.24%	2,382,119	71.53	703.52	Pass
Plate2-J09	2,801,032	pass	pass	85.10%	2,383,733	74.96	704.00	Pass
Plate5-E07	2,731,421	pass	pass	87.33%	2,385,226	72.15	704.44	Pass

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Plate3-J14	2,719,892	pass	pass	87.76%	2,387,080	76.37	704.99	Pass
Plate2-F09	2,845,344	pass	pass	83.98%	2,389,505	74.45	705.70	Pass
Plate10-J19	2,898,247	pass	pass	82.52%	2,391,547	74.57	706.30	Pass
Plate2-J11	2,749,362	pass	pass	87.18%	2,396,846	76.23	707.87	Pass
Plate1-J17	2,924,304	pass	pass	82.06%	2,399,785	73.95	708.74	Pass
Plate2-F13	2,889,609	pass	pass	83.23%	2,405,032	73.95	710.29	Pass
Plate2-L19	2,830,314	pass	pass	85.36%	2,415,930	77.41	713.51	Pass
Plate6-J17	2,936,473	pass	pass	82.46%	2,421,327	72.09	715.10	Pass
Plate10-J11	2,919,973	pass	pass	83.31%	2,432,716	76.17	718.46	Pass
Plate8-C03	2,897,688	pass	pass	83.97%	2,433,199	74.81	718.61	Pass
Plate8-I07	2,880,062	pass	pass	84.86%	2,444,021	72.47	721.80	Pass
Plate2-J07	2,824,848	pass	pass	86.97%	2,456,673	75.93	725.54	Pass
Plate2-N09	2,815,647	pass	pass	87.27%	2,457,162	75.84	725.68	Pass
Plate5-E11	2,815,473	pass	pass	87.30%	2,458,030	72.42	725.94	Pass
Plate10-L15	2,918,166	pass	pass	84.68%	2,471,137	76.26	729.81	Pass
Plate2-N03	2,934,422	pass	pass	84.26%	2,472,666	75.61	730.26	Pass
Plate10-N13	2,988,989	pass	pass	82.99%	2,480,439	75.69	732.56	Pass
Plate4-H15	2,911,020	pass	pass	85.43%	2,487,003	71.88	734.50	Pass
Plate2-J13	2,923,089	pass	pass	85.10%	2,487,418	75.49	734.62	Pass
Plate4-J03	2,864,480	pass	pass	87.42%	2,504,011	72.59	739.52	Pass
Plate2-L13	2,860,358	pass	pass	87.70%	2,508,586	75.93	740.87	Pass
Plate10-J13	2,921,284	pass	pass	85.89%	2,509,044	76.31	741.01	Pass
Plate7-D09	2,947,920	pass	pass	85.18%	2,510,947	75.81	741.57	Pass
Plate8-I09	2,949,840	pass	pass	85.89%	2,533,510	73.72	748.23	Pass
Plate10-L13	3,003,383	pass	pass	84.49%	2,537,620	76.93	749.44	Pass
Plate10-L11	3,017,676	pass	pass	84.26%	2,542,736	77.61	750.96	Pass
Plate4-J11	3,090,444	pass	pass	82.53%	2,550,450	74.22	753.23	Pass
Plate10-N11	3,184,995	pass	pass	80.40%	2,560,886	74.04	756.32	Pass
Plate4-J19	2,926,703	pass	pass	87.75%	2,568,194	73.60	758.47	Pass
Plate4-H17	3,024,241	pass	pass	86.10%	2,603,776	72.89	768.98	Pass
Plate4-L13	3,075,641	pass	pass	85.76%	2,637,646	73.51	778.99	Pass
Plate4-L17	3,153,189	pass	pass	85.90%	2,708,644	74.37	799.95	Pass

**Table 7: QC metrics for the samples that pass the quality checks. The samples are ordered by the number of aligned reads (lowest to highest).**