Table 1. List of Galaxy Candidates at $z \sim 8$.

ID	R.A.	Decl.	F150W Mag.	$P(z > 7)$	Best-fitting Redshift
1208	214.928889	52.960357	28.02	0.976	$8.32^{+0.27}_{-0.3}$
1585	214.95232	52.975033	29.21	0.988	$8.44^{+0.21}_{-0.3}$
2136	214.951775	52.972118	27.43	1.0	$8.23^{+0.24}_{-0.15}$
2746	214.956027	52.971916	27.836	1.0	$8.26^{+0.3}_{-0.15}$
2748	214.956019	52.972032	27.52	0.99	$8.47^{+0.18}_{-0.66}$
4348	214.988686	52.987328	28.629	0.978	$8.38^{+0.3}_{-0.27}$
4725	215.016531	53.004931	29.252	0.853	$8.05^{+0.39}_{-0.99}$
5388	215.001086	52.990227	26.341	0.997	$7.9^{+0.15}_{-0.09}$
6120	214.972321	52.965317	27.654	0.588	$7.9^{+0.15}_{-1.86}$
7357	214.955358	52.947106	28.246	0.735	$8.05^{+0.42}_{-1.59}$
8241	214.976735	52.957887	29.264	0.927	$7.96^{+0.27}_{-0.12}$
8962	214.985405	52.960383	29.011	0.952	$7.63^{+0.48}_{-0.45}$
9250	214.967124	52.945736	28.26	0.999	$7.96^{+0.24}_{-0.06}$
9317	214.983036	52.956006	26.307	1.0	$7.51^{+0.75}_{-0.0}$
9501	215.03114	52.989683	27.323	0.997	$8.08^{+0.21}_{-0.21}$
10370	214.989979	52.956023	27.543	1.0	$8.17^{+0.12}_{-0.27}$
11322	214.86688	52.918625	27.401	0.83	$7.66^{+0.24}_{-0.69}$
12831	214.869376	52.913105	28.313	1.0	$8.23^{+0.15}_{-0.18}$
14606	214.932363	52.948515	28.122	0.907	$8.17^{+0.33}_{-0.27}$
18151	214.919666	52.918735	28.284	0.833	$8.05^{+0.39}_{-1.2}$
19030	214.953169	52.939492	28.272	0.986	$8.29^{+2.04}_{-0.09}$
19185	214.944766	52.93145	28.02	0.999	$8.2^{+0.33}_{-0.24}$
21453	214.805767	52.878048	27.593	1.0	$7.93^{+0.09}_{-0.06}$
22038	214.771845	52.850963	27.229	0.999	$8.17^{+0.15}_{-0.36}$
23485	214.826393	52.882927	28.544	0.999	$8.23^{+0.12}_{-0.27}$
26789	214.78607	52.837706	27.966	0.861	$8.14^{+0.39}_{-0.33}$
27110	214.793932	52.841543	26.042	1.0	$7.6^{+0.0}_{-0.06}$
27491	214.816974	52.85602	27.153	0.551	$7.72^{+0.03}_{-1.44}$
27579	214.835984	52.869191	27.588	0.945	$8.35^{+0.24}_{-0.36}$
28683	214.794925	52.834982	28.197	0.989	$8.11^{+0.15}_{-0.18}$
29911	214.797862	52.830936	28.342	0.541	$8.08^{+0.21}_{-2.25}$
29916	214.848395	52.867112	28.421	1.0	$8.38^{+0.39}_{-0.24}$
29971	214.857648	52.873305	26.758	0.783	$7.99^{+0.27}_{-1.56}$
30171	214.781054	52.817434	26.88	0.984	$7.69^{+0.51}_{-0.06}$
31047	214.834538	52.8509	28.498	0.776	$8.02^{+0.24}_{-1.26}$
31700	214.844988	52.855297	29.023	0.697	$7.66^{+0.6}_{-1.38}$
33803	214.786201	52.805375	27.495	0.8	$7.69^{+0.42}_{-0.96}$
35206	214.773606	52.789194	28.34	0.889	$8.29^{+0.18}_{-0.54}$
35583	214.698302	52.751544	26.355	1.0	$8.23^{+0.09}_{-0.15}$
35584	214.709583	52.741719	27.551	0.998	$7.81^{+0.15}_{-0.06}$
36133	214.772032	52.783777	28.567	0.92	$8.17^{+0.33}_{-0.3}$
36398	214.77678	52.785774	28.449	0.576	$7.93^{+0.15}_{-1.44}$
36598	214.76321	52.774808	29.002	0.961	$8.11^{+0.39}_{-0.24}$
37886	214.73919	52.750323	27.217	0.9	$8.35^{+0.15}_{-0.66}$
38370	214.732394	52.742032	28.695	0.932	$8.11^{+0.27}_{-0.27}$
39909	214.788696	52.774544	28.119	0.597	$7.93^{+0.18}_{-1.86}$
40099	214.816008	52.793764	28.033	0.549	$7.87^{+0.3}_{-1.74}$
40434	214.790205	52.773065	28.689	0.949	$8.14^{+0.48}_{-0.3}$
41369	214.764751	52.750743	28.066	0.972	$8.17^{+0.24}_{-0.51}$
42261	214.797901	52.770314	28.615	0.98	$8.29^{+0.24}_{-0.36}$
42321	214.825354	52.789518	28.184	0.641	$7.87^{+0.27}_{-1.41}$

ID	R.A.	Decl.	F150W Mag.	$P(z > 7)$	Best-fitting Redshift
45077	214.907749	52.88249	28.423	0.828	$8.17^{+0.12}_{-1.2}$
45123	214.951611	52.913443	29.562	1.0	$7.39^{+0.6}_{-0.06}$
45154	214.914034	52.889829	29.232	0.724	$7.78^{+0.9}_{-1.38}$
46416	214.950084	52.904538	28.034	0.71	$8.02^{+0.24}_{-2.22}$
48190	214.969597	52.907049	27.766	0.966	$7.9^{+0.24}_{-0.06}$
48612	214.961066	52.897114	27.73	0.899	$8.23^{+0.24}_{-0.51}$
48760	214.918312	52.86584	27.511	0.985	$8.29^{+0.27}_{-0.36}$
52799	214.844804	52.847572	27.826	1.0	$8.35^{+0.18}_{-0.24}$
53390	214.81566	52.82383	28.676	0.999	$8.17^{+0.18}_{-0.3}$
54562	214.802257	52.808843	27.922	0.637	$7.87^{+0.06}_{-1.74}$
54787	214.883457	52.867257	28.579	0.989	$8.44^{+0.15}_{-0.33}$
55074	214.825093	52.822661	27.754	0.931	$7.72^{+0.15}_{-0.51}$
57365	214.818594	52.807519	28.361	0.936	$8.02^{+0.12}_{-0.48}$
59920	214.882996	52.840417	26.398	1.0	$8.17^{+0.06}_{-0.12}$
61842	214.844375	52.809571	27.269	0.911	$8.35^{+0.12}_{-0.75}$
61858	214.828232	52.792806	29.956	0.702	$7.9^{+1.14}_{-1.65}$
62312	214.909641	52.848496	28.876	0.916	$8.08^{+0.27}_{-0.18}$
65427	215.074756	52.949672	27.906	0.858	$7.99^{+0.18}_{-0.84}$
65775	215.131469	52.984914	29.88	0.946	$7.48^{+0.81}_{-0.21}$
66366	215.072859	52.942273	29.054	0.774	$7.96^{+0.18}_{-1.71}$
66709	215.143716	52.988894	29.211	0.968	$8.32^{+0.84}_{-0.3}$
67268	215.093315	52.95075	29.482	0.967	$8.02^{+0.21}_{-0.36}$
70972	215.128839	52.955185	27.538	1.0	$8.23^{+0.06}_{-0.09}$
72135	215.089926	52.922063	27.5	1.0	$8.23^{+0.09}_{-0.18}$
72452	215.098751	52.926717	29.225	0.982	$8.2^{+0.48}_{-0.3}$
72634	215.164517	52.972165	27.368	0.825	$7.75^{+0.27}_{-0.96}$
73076	215.169402	52.97299	26.263	1.0	$8.17^{+0.09}_{-0.09}$
73264	215.137663	52.949736	28.498	0.999	$8.02^{+0.3}_{-0.09}$
73265	215.137785	52.949791	27.388	0.997	$8.35^{+0.18}_{-0.12}$
73377	215.1409	52.951303	26.94	1.0	$8.26^{+0.12}_{-0.12}$
73769	215.15306	52.957417	28.677	0.823	$7.99^{+0.24}_{-1.26}$
75588	214.976286	52.879062	28.976	0.945	$7.96^{+0.27}_{-0.09}$
76445	215.037125	52.917603	27.156	0.996	$7.99^{+0.24}_{-0.18}$
76525	214.977357	52.874937	28.499	0.982	$8.59^{+0.18}_{-0.54}$
77249	215.020589	52.901964	26.967	0.967	$8.23^{+0.18}_{-0.27}$
81336	215.047056	52.897481	27.803	1.0	$8.29^{+0.12}_{-0.18}$
82415	215.059073	52.900777	27.633	0.793	$7.96^{+0.09}_{-1.44}$
82588	215.062411	52.903728	27.269	0.935	$8.26^{+0.21}_{-0.24}$
84871	214.88015	52.818951	27.794	0.671	$7.81^{+0.18}_{-1.14}$
85435	214.898625	52.828853	28.344	0.712	$8.05^{+0.21}_{-1.89}$
86489	214.891426	52.817385	27.814	0.729	$7.72^{+0.42}_{-1.29}$
88163	214.876531	52.797906	28.163	1.0	$7.69^{+0.51}_{-0.0}$
88438	214.943956	52.844188	27.398	0.97	$8.41^{+0.15}_{-0.12}$
88473	214.936227	52.838641	28.074	0.858	$8.14^{+0.45}_{-0.42}$
89058	214.936243	52.833462	28.355	0.97	$7.54^{+0.51}_{-0.12}$
89559	214.896214	52.802236	28.219	0.683	$7.66^{+0.51}_{-1.98}$
89861	214.920444	52.817811	28.685	0.961	$8.5^{+0.15}_{-0.45}$
90495	214.954357	52.838316	28.747	0.755	$7.99^{+0.12}_{-1.44}$
90991	214.893724	52.792071	27.468	0.97	$8.02^{+0.21}_{-0.18}$
91379	214.894309	52.790131	28.148	0.719	$7.96^{+0.12}_{-1.35}$
92063	214.955842	52.830196	28.092	0.992	$7.6^{+0.39}_{-0.27}$
92423	214.967034	52.835925	28.194	1.0	$7.99^{+0.27}_{-0.12}$
93210	214.967015	52.830989	27.313	0.988	$7.72^{+0.63}_{--0.03}$

ID	R.A.	Decl.	F150W Mag.	$P(z > 7)$	Best-fitting Redshift
93568	214.769211	52.746085	27.78	0.689	$7.9\ ^{+0.18}_{-1.65}$
95671	214.785037	52.743929	27.862	0.818	$7.99\ ^{+0.09}_{-1.05}$
96937	214.806065	52.750867	27.173	0.999	$8.47\ ^{+0.15}_{-0.24}$
97377	214.844762	52.775688	27.948	0.98	$7.51\ ^{+0.21}_{-0.21}$
97754	214.817832	52.753098	27.992	0.979	$7.75\ ^{+0.6}_{-0.03}$
97809	214.802227	52.7416	28.089	0.943	$8.41\ ^{+0.18}_{-0.48}$
98416	214.84111	52.766005	27.81	0.957	$7.87\ ^{+0.27}_{-0.42}$
99069	214.852064	52.770162	27.931	0.534	$7.93\ ^{+0.03}_{-1.8}$
100843	214.8543	52.75982	26.922	0.981	$8.53\ ^{+0.12}_{-0.27}$
100966	214.827708	52.740109	28.043	0.998	$8.38\ ^{+0.18}_{-0.36}$
101172	214.859293	52.761207	28.237	0.759	$8.08\ ^{+0.15}_{-1.89}$
101528	214.80896	52.723115	27.83	1.0	$8.29\ ^{+0.12}_{-0.12}$
101709	214.862119	52.759805	27.701	0.891	$8.56\ ^{+0.27}_{-0.81}$