

Cluster ID	User ID	Mated Comparison Score	GAN Comparison Score	Non-Mated Comparison Score	Closest Score
0	02463	0.02154193427	0.9222582596	1.089237148	GAN
0	04397	0.100851664	0.9282575548	0.9450867741	GAN
0	04513	0.1469267615	0.995096648	1.072578994	GAN
0	04601	0.4779026799	0.9533297447	0.8661656267	Non-Mated
0	04810	0.1290728539	1.036911411	0.9305563293	Non-Mated
1	04221	0.0144841901	0.8646056619	0.9864606329	GAN
1	04226	0.07652441521	0.8968487408	0.9140903514	GAN
1	04385	0.2707819919	1.108772666	1.032108188	Non-Mated
1	04442	0.06050160829	0.9313420933	1.033111298	GAN
1	04709	0.07728177178	0.9446682107	1.022298374	GAN
1	04768	0.1833601801	0.9247323852	1.028865038	GAN
1	04853	0.05816327566	0.9528137433	1.072854658	GAN
1	04890	0.1579406129	0.9368795211	0.9439212158	GAN
1	04896	0.06080538896	1.019466357	1.046484953	GAN
1	04916	0.1260716687	0.9828288459	0.9544254862	Non-Mated
2	04314	0.1245001866	1.007629124	0.8981037758	Non-Mated
2	04368	0.4017131473	0.9600850202	0.9347959885	Non-Mated
2	04544	0.1303585686	1.105078192	0.995968281	Non-Mated
2	04775	0.12092656134	1.043473591	0.9220529443	Non-Mated
2	04784	0.1588819206	1.114012821	0.9622236809	Non-Mated
3	04239	0.9960768248	1.042879698	1.009510681	Non-Mated
3	04312	0.09756929631	1.054635418	0.9810375683	Non-Mated
3	04313	0.1359634798	1.003902526	0.9278429892	Non-Mated
3	04338	0.05735905235	1.103503031	1.000109171	Non-Mated
3	04475	0.08610884438	1.024401759	0.8853569174	Non-Mated
3	04737	0.1848056116	0.9332160665	1.134541814	GAN
3	04829	0.08536398977	1.019723121	1.014245147	Non-Mated
3	04922	0.1053009702	1.026382975	0.9694955849	Non-Mated
4	04380	0.2452569701	0.9812889239	0.8681756596	Non-Mated
4	04608	0.01245775507	0.9206839321	1.028791273	GAN
4	04878	0.1776036738	0.9390420136	1.017152098	GAN
5	04282	0.08990221381	0.9176727486	1.00724132	GAN
5	04451	0.1178066254	1.026670464	0.9067715121	Non-Mated
5	04692	0.1471805545	0.9889970248	0.9558077789	Non-Mated
5	04702	0.1362700885	0.9916163338	1.035509253	GAN
6	04352	0.07327085453	0.9984723762	0.9341778016	Non-Mated
6	04366	0.1192229671	0.9991706749	0.92375317	Non-Mated
6	04394	0.3240930842	1.017287339	1.018243022	GAN
6	04427	0.95824406288	1.040720443	0.9582487353	Non-Mated
6	04583	0.1628409751	1.015451973	0.9710360356	Non-Mated
6	04605	0.05934075508	1.022426031	0.9343018425	Non-Mated
6	04721	0.1207500868	1.038630798	1.040623859	GAN
6	04747	0.1370518176	1.079267369	0.9550786255	Non-Mated
6	04856	0.1354624171	0.9698695457	0.9210754382	Non-Mated
7	04560	0.3359921659	1.021097574	1.010481283	Non-Mated
7	04762	0.1053050556	0.9994243383	0.978751023	Non-Mated
7	04794	0.07981772914	0.9096814541	1.067862328	GAN
8	04265	0.04084775849	1.013763628	0.9849456889	Non-Mated
8	04319	0.1372703515	1.036795256	1.028068317	Non-Mated
8	04481	0.1324829486	0.9149543621	0.9763442274	GAN
8	04495	0.1289301889	0.978182379	1.025581164	GAN
8	04618	0.03424347468	0.9740477324	1.067969229	GAN

8	04783	0.1947617625	0.9944753342	0.9738081443	Non-Mated
9	04321	0.24445658288	1.031633222	0.9758816267	Non-Mated
9	04612	0.08588418473	1.060764852	1.060754262	Non-Mated
9	04627	0.06670607965	0.9926618354	1.08299439	GAN
9	04790	0.1604871528	1.000552572	0.9597416776	Non-Mated
9	04891	0.1533887924	0.9590963049	1.004626415	GAN
9	04918	0.142947378	0.983616395	0.9763690657	Non-Mated
9	04928	0.1419643314	1.079869219	0.8429199091	Non-Mated
10	04436	0.332439948	0.8562913242	1.00747584	GAN
10	04573	0.2034156833	0.9224825048	1.031491204	GAN
10	04578	0.06463751878	1.001711902	0.8191165127	Non-Mated
10	04691	0.165880991	0.9398129045	0.9635779779	GAN
10	04711	0.3257720458	0.9974507681	0.9355891105	Non-Mated
10	04832	0.08613981228	0.9723522058	0.8880524366	Non-Mated
11	04387	0.2774756745	0.9658846209	1.014700604	GAN
11	04556	0.3503321652	1.092170944	1.06641867	Non-Mated
11	04673	0.1225617464	0.9843097804	1.004959514	GAN
11	04833	0.09243853162	0.9134156801	0.9106632004	Non-Mated
11	04894	0.03372388593	0.9268221813	0.9409839903	GAN
12	04322	1.028857866	1.040842773	1.120755746	GAN
12	04488	0.3185610067	0.9455989008	0.8647483865	Non-Mated
12	04624	0.1593907791	0.9377991353	1.039525162	GAN
12	04839	0.3173800239	1.073666047	0.8697470563	Non-Mated
12	04888	0.109903068	0.9787017157	0.9742201452	Non-Mated
12	04921	0.1893341766	1.016653523	0.9066234793	Non-Mated
12	04924	0.05909565517	0.9085972857	0.9090401601	GAN
13	04315	0.2616295952	0.898588544	1.018425289	GAN
13	04382	0.1314806336	1.020223297	0.9053512287	Non-Mated
13	04449	0.3025481171	0.9906444418	0.9456317133	Non-Mated
13	04459	0.2755727811	1.065059458	1.056282866	Non-Mated
13	04479	0.3127997514	0.940185256	1.067339365	GAN
13	04585	0.1131262276	1.003190131	0.9804191482	Non-Mated
13	04621	0.2184868082	1.008258398	1.024772184	GAN
13	04733	0.1015616391	1.077370633	0.9593386517	Non-Mated
13	04798	0.04584070889	0.975626787	1.108839225	GAN
13	04827	0.1748865617	1.075326177	0.9563121636	Non-Mated
13	04919	0.07630623049	0.9870619478	0.9985728816	GAN
14	04432	1.00220426	1.035037445	0.9547025763	Non-Mated
14	04553	0.4678110354	1.069926846	0.9748021555	Non-Mated
14	04595	0.1351350056	1.007282316	0.9402462456	Non-Mated
14	04758	0.1978801754	1.082400209	0.9982797973	Non-Mated
14	04860	0.1025780357	1.151092922	0.9908206198	Non-Mated
15	04211	0.0141714604	0.9286889919	0.8819329062	Non-Mated
15	04540	0.2726072317	0.8491553315	1.080541588	GAN
15	04623	0.07333387694	0.9224646656	1.001471813	GAN
15	04650	0.1843916364	0.8760072534	0.9999020521	GAN
15	04667	0.1073838757	0.9152395077	1.050510194	GAN
15	04681	0.05179209429	0.9383677586	1.04909302	GAN
15	04708	0.06205644261	0.956853964	1.012491126	GAN
15	04744	0.0957088382	0.8246479047	1.018280724	GAN
15	04765	0.1652000038	1.021823538	1.000080059	Non-Mated
15	04816	0.1367833116	0.9834645685	0.8986469009	Non-Mated
15	04895	0.06699373384	0.834487813	1.027450496	GAN

15	04936	0.05443989501	0.9581144433	1.013207632	GAN
16	04261	0.1020764332	1.023641679	1.046644937	GAN
16	04284	0.1354392125	1.072751236	0.9342615741	Non-Mated
16	04596	0.1546291899	0.9277245062	1.070037846	GAN
16	04626	0.06101601955	0.959721411	1.003352344	GAN
16	04697	0.1054967262	0.9612392684	1.061873351	GAN
16	04780	0.098668681	0.9964187058	0.992085798	Non-Mated
17	04533	0.33561488	1.001435073	0.972940864	Non-Mated
17	04666	0.02994245299	0.9798262698	1.003669532	GAN
17	04689	0.09911711041	1.020647429	0.933892213	Non-Mated
17	04882	0.08633804245	0.9726285363	0.9529245036	Non-Mated
18	04412	0.2292276787	0.9341128679	0.9553513173	GAN
18	04422	0.3747670246	0.998108655	0.9534764401	Non-Mated
18	04671	0.1971701179	0.9902286025	0.9378937141	Non-Mated
18	04676	0.1454782255	1.079411819	1.048865525	Non-Mated
19	04351	0.14828215	0.9720292704	1.01424688	GAN
19	04631	0.03803082635	0.931280055	1.024350636	GAN
19	04683	0.0736355551	1.001736306	0.9712261358	Non-Mated
19	04730	0.1706750385	1.007401493	0.9281568375	Non-Mated
19	04763	0.09918482786	0.9225012842	0.972118057	GAN
19	04823	0.1083499432	1.040166404	0.9752304393	Non-Mated
20	04228	0.090651767	1.052017213	0.9799203199	Non-Mated
20	04514	0.07364101831	0.9885669584	1.054891099	GAN
20	04591	0.02045905515	0.9256590923	1.025442044	GAN
20	04632	0.1395863848	1.00176875	0.9719524372	Non-Mated
20	04760	0.1258296376	1.009732281	1.00450042	Non-Mated
20	04842	0.1119075813	0.9807928389	1.005657604	GAN
20	04846	1.042171705	0.9086085324	1.032817788	GAN
21	04201	0.08385569247	1.075670872	1.091576399	GAN
21	04448	0.1442120544	1.078018167	0.8672564696	Non-Mated
21	04507	0.1810474402	1.013167491	1.061328295	GAN
21	04542	0.2138301594	1.031004801	0.8975117373	Non-Mated
21	04577	0.3036637739	1.068641636	0.9681489345	Non-Mated
21	04613	0.1075098974	1.02607912	1.00556041	Non-Mated
21	04859	0.1406199762	1.062333034	0.8650459294	Non-Mated
21	04909	0.1881434273	0.9980910158	0.9750760022	Non-Mated
21	04914	0.1199610044	0.9626134573	1.074838464	GAN
22	04419	0.3466817265	0.9099654371	0.983849291	GAN
22	04470	0.3625534016	0.9352350211	1.004224706	GAN
22	04478	0.1329047532	0.9609365115	0.9512308858	Non-Mated
22	04485	0.2699373703	0.9529244867	1.008077837	GAN
22	04489	0.09233707745	1.079107532	0.9592739453	Non-Mated
22	04617	0.1068281148	0.9787913064	0.9647174313	Non-Mated
22	04701	0.1939386028	0.9906541248	0.9740110267	Non-Mated
22	04772	0.105507493	1.00257141	0.9574277858	Non-Mated
22	04774	0.1573951811	0.9782871452	1.031852079	GAN
22	04884	0.1002607931	0.9392654454	0.9670448794	GAN
23	04233	0.09196708777	0.9500255492	0.9398366707	Non-Mated
23	04256	0.02426119395	0.9966699325	0.9976248867	GAN
23	04463	0.1073946598	0.9750919916	0.9867529466	GAN
23	04802	0.154590494	0.9296201796	1.01354097	GAN
24	04212	0.0104704609	0.8869771664	0.9463158941	GAN
24	04279	0.1626082981	1.037638979	1.019765249	Non-Mated

24	04297	0.1864188155	1.008244171	1.050582174	GAN
24	04423	0.1549955377	1.017518181	1.002159051	Non-Mated
24	04512	0.1772509144	0.964198987	1.099964384	GAN
24	04549	0.1567592035	1.05574181	0.9167991994	Non-Mated
24	04551	0.4729607128	0.9615388629	1.017588252	GAN
24	04600	0.07106879067	1.007499946	1.056500901	GAN
24	04687	0.1039308214	0.9690591885	1.121841423	GAN
24	04743	0.2304202565	0.955142794	1.051342377	GAN
24	04748	0.2236983589	1.032714217	1.026650505	Non-Mated
24	04875	0.1558080397	0.9662363583	1.094221602	GAN
25	04309	0.1899824284	1.025625236	0.9602328507	Non-Mated
25	04334	0.2661370516	0.9283853365	0.9682523439	GAN
25	04360	0.1471926698	0.987035772	1.030003959	GAN
25	04365	0.08479438005	0.9936023798	0.9580535346	Non-Mated
25	04472	1.024873776	0.9546307025	1.096954066	GAN
25	04523	0.09783169585	0.9871450492	0.8804300564	Non-Mated
25	04572	0.04917498017	1.083016664	0.931463546	Non-Mated
25	04686	0.09221916396	1.077170188	1.047955552	Non-Mated
26	04336	0.1076977139	1.007398096	0.9944873172	Non-Mated
26	04425	0.2891651923	1.041840333	0.9925008992	Non-Mated
26	04435	0.2117257073	1.054899508	0.8880138294	Non-Mated
26	04522	0.09112338303	1.027873077	0.9236360777	Non-Mated
26	04561	0.4643464539	0.9777436575	0.9969420315	GAN
26	04646	0.02160532647	1.042176393	0.9869426374	Non-Mated
26	04652	0.06212671262	1.016867973	0.9372044387	Non-Mated
26	04757	0.1110716627	0.9868858857	0.9545597775	Non-Mated
26	04849	0.05340371894	0.9633513641	0.9621403316	Non-Mated
26	04892	0.1462961903	0.9893632059	1.024783476	GAN
27	04222	0.09743231732	0.9326915988	1.049335042	GAN
27	04257	0.05018211452	0.8555822762	0.8519089796	Non-Mated
27	04311	0.1015359755	0.9987479524	1.033721478	GAN
27	04369	0.03244922545	0.9949042142	0.8954357318	Non-Mated
27	04473	0.1013403085	1.136205799	1.053197011	Non-Mated
27	04703	0.07827018687	0.9895743275	0.9523187359	Non-Mated
27	04738	0.1367272719	0.9514053259	0.9434479662	Non-Mated
27	04776	0.1025030068	1.083559379	0.9704027846	Non-Mated
27	04866	0.03815524851	0.9960452519	0.9923625926	Non-Mated
27	04915	0.1386819824	0.9743894545	0.933674126	Non-Mated
28	04447	0.1194668201	1.061258255	0.9566696934	Non-Mated
28	04657	0.07390811	1.014395862	1.026345872	GAN
28	04716	0.1028499212	1.07010938	1.059396244	Non-Mated
28	04854	0.1531278988	1.045560713	0.941745266	Non-Mated
28	04861	0.1437963859	1.035714697	0.9018725217	Non-Mated
29	04324	0.2174988555	1.07507682	0.9570177529	Non-Mated
29	04402	0.05398905561	1.026375624	0.9993061509	Non-Mated
29	04403	0.1241512726	0.9712162429	1.028119402	GAN
29	04429	0.2296444094	1.003237404	1.0580929	GAN
29	04620	0.2885461347	0.950948676	0.9965364159	GAN
29	04874	0.1768517122	1.066899254	1.040368573	Non-Mated
29	04883	0.1833581947	1.024472989	1.112777851	GAN
30	04370	0.1084223307	0.8820239777	1.101713519	GAN
30	04494	0.4833837193	0.9542796491	1.014745596	GAN
30	04818	0.9734813453	1.016552029	0.9506156123	Non-Mated

30	04831	0.1486298024	1.054853376	0.9523268082	Non-Mated
30	04898	0.1646631469	0.9894886337	1.082095649	GAN
30	04903	0.07496075516	1.004964152	0.9379160721	Non-Mated
31	04320	0.1191038169	0.7935812484	1.012259975	GAN
31	04347	0.01540963898	1.067118796	0.863913376	Non-Mated
31	04367	0.1396792484	0.9221786811	1.021208612	GAN
31	04431	0.1014224175	0.9840887281	0.9671780733	Non-Mated
31	04515	0.210451916	1.033236377	0.940771781	Non-Mated
31	04785	0.08870829831	1.022446032	0.9623592598	Non-Mated
31	04900	0.1445547173	0.9897932819	0.9191101872	Non-Mated
32	04302	0.1664170399	1.032484466	1.063351257	GAN
32	04316	0.3791469626	0.9976216702	1.017059687	GAN
32	04361	0.1064056618	0.9879653691	0.9952615086	GAN
32	04410	0.1673387913	1.025211593	0.9325500678	Non-Mated
32	04564	0.1778326072	0.9974608794	0.9064567007	Non-Mated
32	04651	0.190801042	1.05030822	0.9590684219	Non-Mated
32	04742	0.1068294267	0.9493461625	0.9713026231	GAN
32	04851	0.09967941749	0.9301616763	0.9892916124	GAN
33	04274	0.1383569235	0.98541134	1.029072064	GAN
33	04317	0.09767538182	0.9891325926	0.9454276008	Non-Mated
33	04484	0.0894802312	1.063718302	0.9532640484	Non-Mated
33	04619	0.07846894046	0.9287035049	0.9605671236	GAN
33	04675	0.0852222698	1.015745537	0.9142636451	Non-Mated
33	04811	0.0937800188	1.032647737	1.056145708	GAN
33	04862	0.09267701265	1.067098905	0.9540590184	Non-Mated
34	04350	0.1228766284	1.047607492	0.9884725216	Non-Mated
34	04496	0.1407544674	1.026851405	0.9610651514	Non-Mated
34	04516	0.2879077564	1.045576142	0.9480347068	Non-Mated
34	04658	0.02637270522	0.9792439678	1.000524763	GAN
34	04848	0.07877857422	0.8701613467	0.98274841	GAN
34	04871	0.09454564634	1.081208023	0.9449883863	Non-Mated
35	04252	0.1555243227	1.033223165	0.8504986851	Non-Mated
35	04343	0.07855169879	0.9348178859	1.067738736	GAN
35	04344	0.2769074629	0.9689061725	0.9810935082	GAN
35	04417	0.06587769593	0.9818348724	0.9497880465	Non-Mated
35	04460	0.1856649572	1.015260177	0.8072030921	Non-Mated
35	04609	0.1319046973	0.9748637554	0.9579487776	Non-Mated
35	04719	0.1182164996	1.099116036	1.033390186	Non-Mated
35	04746	0.1933243197	0.9610368061	0.8222676553	Non-Mated
35	04751	0.131910676	0.9210991127	0.9423733855	GAN
35	04855	0.06730516171	0.9745731769	1.011162929	GAN
36	04305	0.1018780732	1.003097681	1.044304032	GAN
36	04335	0.02738928085	0.9831818632	0.9261997585	Non-Mated
36	04358	0.2028519626	1.072140343	0.981853106	Non-Mated
36	04575	0.03942908855	0.9791026166	1.028756232	GAN
36	04629	0.04315734474	0.9302196266	0.8455621731	Non-Mated
36	04714	0.1950864998	1.051046419	1.051887089	GAN
36	04726	0.05291880642	0.8746489915	0.9524605055	GAN
36	04841	0.2466810152	1.003646427	0.9345539403	Non-Mated
37	04200	0.2630069234	1.027375112	0.9635128818	Non-Mated
37	04337	0.9559507309	0.9889279081	1.074692557	GAN
37	04524	0.1610399166	1.070181414	0.9839588188	Non-Mated
37	04633	0.04544807297	0.9700175487	0.8976459798	Non-Mated

37	04865	0.09460997902	0.9624362247	0.8700687081	Non-Mated
37	04879	0.1974998328	0.9913719879	0.9600101507	Non-Mated
37	04927	0.20892043	0.9758554164	0.9377934882	Non-Mated
38	04622	0.2559627014	0.9203826458	1.055893687	GAN
38	04649	0.1500388626	1.064914099	1.037924305	Non-Mated
38	04656	0.0448265107	1.030011629	1.037052041	GAN
38	04725	0.1044789001	0.9935030828	1.031266048	GAN
38	04905	0.1286761931	1.087597372	1.022160936	Non-Mated
39	04213	0.1652705555	0.9366583683	0.9697872884	GAN
39	04323	0.3447741436	1.128431753	0.9801695269	Non-Mated
39	04372	0.2805961364	0.9384481911	1.015461196	GAN
39	04376	0.4083495734	1.000183084	0.9270501789	Non-Mated
39	04446	0.1881827239	0.8189186102	0.9005281929	GAN
39	04592	0.09258617996	0.8730609268	0.91413996	GAN
39	04754	0.1071876755	1.003609473	0.9500769135	Non-Mated
39	04787	0.1794690377	0.9781025684	0.9524723663	Non-Mated
39	04796	0.1659831185	0.9226897829	1.003996973	GAN
40	04243	0.02837498142	0.9880348453	0.9814241179	Non-Mated
40	04464	0.1805455058	1.065446974	0.910981291	Non-Mated
40	04477	0.09151466896	0.9581103303	0.9144700412	Non-Mated
40	04579	0.1038312259	0.9677852485	0.9808622428	GAN
40	04587	0.1674545755	1.063164957	0.9579273228	Non-Mated
40	04635	0.1385036468	1.0043775	0.9486622692	Non-Mated
40	04684	0.1590220045	0.9519228387	1.022741895	GAN
40	04695	0.09633692806	1.015017947	0.9345373408	Non-Mated
40	04782	0.2907230188	0.9832751121	1.080855363	GAN
40	04815	0.408248999	1.012387844	0.9848110232	Non-Mated
40	04873	0.0730401613	0.9722600012	1.001661046	GAN
40	04881	0.05814300237	0.9906247907	0.996426801	GAN
40	04899	0.05771396854	0.9087971539	0.8870133956	Non-Mated
41	04371	0.3628997006	1.018448932	1.015942686	Non-Mated
41	04392	0.1698111365	0.9817257543	1.052957327	GAN
41	04773	0.09853007892	1.061616591	0.9722849113	Non-Mated
41	04803	0.1201135207	1.057262359	0.8453979331	Non-Mated
41	04872	0.23463406	0.9187196368	0.9963517391	GAN
41	04886	0.1857635511	0.9007761185	1.02709644	GAN
41	04887	0.1725440157	0.9545416181	1.034682295	GAN
42	04288	0.2422939655	1.028727104	1.024303242	Non-Mated
42	04339	0.01324380715	0.9861336947	0.9650065303	Non-Mated
42	04409	0.09212113903	0.870962593	0.9666610892	GAN
42	04509	0.1802838313	0.9469022039	0.9498967194	GAN
42	04529	0.04418943388	0.9438272961	0.9896157741	GAN
42	04901	0.1447101425	0.8880703821	0.9420872453	GAN
42	04908	0.1376830629	0.972751688	0.9673030785	Non-Mated
42	04911	0.1316683745	0.9939621003	0.9265618777	Non-Mated
43	04306	0.1540926943	1.009200921	0.9316080728	Non-Mated
43	04341	0.08012727156	0.9517696355	0.8967131005	Non-Mated
43	04349	0.02826373675	1.07473503	1.026294372	Non-Mated
43	04407	0.1153039238	0.934321159	0.931461038	Non-Mated
43	04408	0.1383430276	0.9631602051	0.9614622713	Non-Mated
43	04545	0.1051533079	0.9706312654	0.9910928597	GAN
43	04581	0.1457162117	1.009432954	0.982455812	Non-Mated
43	04598	0.09732610269	1.048248857	0.9729320408	Non-Mated

43	04644	0.1508611751	0.995986807	0.8551954539	Non-Mated
43	04843	0.259582169	0.9556251889	0.9937277796	GAN
43	04863	0.1391402267	0.9648814717	0.9877067472	GAN
43	04877	0.1114443256	1.117580376	0.9642279774	Non-Mated
44	04214	0.1126309178	1.029880329	0.8960839083	Non-Mated
44	04308	0.3330623777	0.9047093908	1.018327891	GAN
44	04400	0.181511452	0.9517266597	1.021709761	GAN
44	04482	0.1024505958	1.036319718	0.9758170233	Non-Mated
44	04505	0.1013008402	0.9136326222	1.054997937	GAN
44	04531	0.2385328929	1.061402193	0.9878269503	Non-Mated
44	04641	0.2032289518	0.9830690358	0.9980294368	GAN
44	04653	0.02849336248	0.9868584983	0.9229393481	Non-Mated
44	04661	0.0279171555	1.139570631	0.9740374157	Non-Mated
44	04736	0.128618304	0.9852544681	0.9577793222	Non-Mated
44	04838	0.2355083328	0.9994647012	0.927756696	Non-Mated
44	04847	0.07133524852	1.032042816	0.9820933556	Non-Mated
44	04870	0.09203068449	1.09754266	0.9179971462	Non-Mated
44	04889	0.1379020567	1.023021418	0.9306823377	Non-Mated
45	04379	0.2365741189	1.026011825	0.9477796212	Non-Mated
45	04430	0.06531267344	0.905810837	1.026687232	GAN
45	04434	0.09734735683	0.9784635724	0.9486751591	Non-Mated
45	04487	0.1922675768	0.9589555986	0.9465420685	Non-Mated
45	04923	0.1397619179	0.9941489702	0.9674195715	Non-Mated
45	04925	0.174355126	1.04360612	1.010649562	Non-Mated
45	04926	0.1830334885	0.942293711	1.033224995	GAN
46	04537	0.2101809192	0.9257716249	0.9343866701	GAN
46	04728	0.1612791229	0.9273444506	1.013185701	GAN
46	04869	0.1458874389	0.9412372451	1.002733593	GAN
46	04904	0.1333949404	0.9652550549	1.015087427	GAN
47	04286	0.1183504822	0.9447395041	1.079464804	GAN
47	04299	0.4791528936	0.8841769877	1.045373911	GAN
47	04374	0.113808646	0.9859086807	0.9456443162	Non-Mated
47	04378	0.1490061018	1.03501313	1.054160911	GAN
47	04603	0.1338438713	1.073625448	0.994920767	Non-Mated
47	04604	0.06017982698	1.008699709	0.9334716282	Non-Mated
47	04615	0.0582320055	1.043586265	0.9785222619	Non-Mated
47	04647	0.3065384326	1.014496523	1.024456842	GAN
47	04712	0.08592081996	0.9908658612	1.077360289	GAN
47	04822	0.07972635604	1.082276834	0.9585955898	Non-Mated
48	04267	0.07053967081	1.007034228	0.9200314817	Non-Mated
48	04418	0.02521854332	0.9674679301	0.9436082272	Non-Mated
48	04511	0.1263137615	1.020869832	0.9789914755	Non-Mated
48	04563	0.1373202874	1.033939392	1.141901373	GAN
48	04582	0.05030234407	0.9636455653	0.9652592584	GAN
48	04724	0.02080885263	0.9346352675	0.8948414779	Non-Mated
48	04929	0.1346557853	0.9857694508	0.9185985577	Non-Mated
48	04931	0.1305968966	1.014586405	0.832863127	Non-Mated
50	04203	0.08633691468	1.005822639	1.07955435	GAN
50	04453	0.1396922432	1.060814992	1.051396424	Non-Mated
50	04548	0.1320400096	0.9998432936	1.024672337	GAN
50	04588	0.05594495249	0.972895493	0.9337487175	Non-Mated
50	04669	0.2422306545	1.087757746	1.056205859	Non-Mated
50	04682	0.05127571805	1.064790806	0.9865689052	Non-Mated

50	04912	0.06412194483	1.00222786	0.9117344009	Non-Mated
51	04471	0.3312727383	0.9353338993	1.106027355	GAN
51	04569	0.03628248561	1.007622528	0.9408514518	Non-Mated
51	04699	0.09075173441	0.9873468179	0.926099133	Non-Mated
51	04729	0.1422302232	0.9306408358	0.9924359111	GAN
51	04770	0.03844439527	0.9916553073	0.8390795895	Non-Mated
51	04885	0.1810380573	1.045171841	1.081149889	GAN
51	04906	0.08565106713	1.002380872	0.8469425896	Non-Mated
52	04386	0.04384993047	1.028688793	0.9706456802	Non-Mated
52	04424	1.026772195	1.037555221	0.9454902974	Non-Mated
52	04467	0.1226214312	1.018291291	1.078671856	GAN
52	04720	0.2119449667	0.9595022155	0.9630737557	GAN
52	04731	0.1657719577	1.022051504	1.011862703	Non-Mated
52	04756	0.2870761244	1.104633479	1.048659293	Non-Mated
52	04767	0.1095478604	1.013100101	0.8876067953	Non-Mated
52	04777	0.09164276626	1.009874162	0.9566894704	Non-Mated
52	04801	0.1002075778	1.118652261	0.9606061482	Non-Mated
52	04897	0.1492659595	0.9958855575	1.073450065	GAN
53	04229	0.08169164824	1.000307412	1.09248423	GAN
53	04527	0.05412321738	1.02959616	0.9907604982	Non-Mated
53	04558	0.1591501794	0.973997207	1.005225567	GAN
53	04628	0.0950211171	0.993085743	0.9972266248	GAN
54	04404	0.1821956819	1.069881326	0.9723430593	Non-Mated
54	04599	0.1732070894	1.073214645	0.9528022995	Non-Mated
54	04727	0.1918471782	1.031253236	0.9856002127	Non-Mated
54	04813	0.1331250656	0.9385647343	0.8860037448	Non-Mated
54	04857	0.129613857	1.135040177	0.9734723	Non-Mated
55	04301	0.02655805896	0.865684621	0.9104215349	GAN
55	04433	0.1844654407	1.090028129	0.9130788276	Non-Mated
55	04530	0.3092047419	0.9119690899	1.012596698	GAN
55	04539	0.1297774888	0.9528836996	0.9674648141	GAN
55	04654	0.1647707946	0.9881816594	0.9886099271	GAN
55	04745	0.1127269617	0.9772575954	1.057527911	GAN
55	04749	0.1716265255	0.8921648111	0.8739046306	Non-Mated
55	04797	0.2026221533	0.9606771242	0.9264883427	Non-Mated
55	04830	0.2500382229	0.9686180545	0.9712361028	GAN
55	04893	0.03799561818	0.9688103948	1.089318173	GAN
56	04273	0.189158369	0.9644620955	0.7217820662	Non-Mated
56	04331	0.05859882416	0.9753820335	1.034116906	GAN
56	04437	0.2391851383	1.027511639	0.9520896531	Non-Mated
56	04456	0.09880086563	0.9445428559	0.9005340784	Non-Mated
56	04606	0.1387586634	0.9770090036	1.010973164	GAN
56	04792	0.05265772706	0.9316103737	1.08964766	GAN
56	04934	0.122792708	1.092621475	0.9324896296	Non-Mated
57	04395	0.1493458382	1.043852048	1.017770502	Non-Mated
57	04659	0.07762608692	0.9715455324	1.052141581	GAN
58	04327	0.03795508136	0.9386774256	0.978164297	GAN
58	04411	0.1002228523	0.9905673106	1.042312986	GAN
58	04454	0.1605482722	0.9468394315	0.9888467795	GAN
58	04493	0.2053135519	0.98955785	1.017167931	GAN
58	04664	0.166492913	0.9585377962	1.044400915	GAN
58	04907	0.1275389828	0.9602764841	0.9596651984	Non-Mated
59	04219	0.1360971807	0.9225775337	0.9362125614	GAN



59	04428	0.06082059025	0.9992557617	0.9943915008	Non-Mated
59	04440	0.06012092627	1.011444342	0.8677731722	Non-Mated
59	04461	0.07200207116	1.022642553	0.9512428326	Non-Mated
59	04584	0.07080418174	1.024375342	0.9910581348	Non-Mated
59	04607	0.0438634378	1.023610965	1.049449935	GAN
59	04920	0.02920146765	1.036898247	0.9270489346	Non-Mated
60	04202	0.2084202645	1.026841144	0.9554243736	Non-Mated
60	04217	0.03911187057	0.967214669	0.9577749273	Non-Mated
60	04557	0.1581107823	1.058473675	0.9616907861	Non-Mated
60	04559	0.05013074088	1.056411021	1.010843196	Non-Mated
60	04580	0.01858991973	0.9612476869	1.036808744	GAN
60	04593	0.03548324229	1.009420725	0.9752919717	Non-Mated
60	04602	0.1316967773	0.8483141651	0.9929987286	GAN
60	04734	0.1529083779	1.119880108	0.9704356649	Non-Mated
60	04840	0.9370099561	1.0014987	0.9565684998	Non-Mated
60	04917	0.102647155	0.8816795245	0.948994628	GAN
61	04300	0.09664011205	1.060980384	1.055179927	Non-Mated
61	04503	0.9977981501	1.015917817	1.040075189	GAN
61	04786	0.1193930035	0.9638241357	1.000191386	GAN
61	04868	0.07945675964	0.9922794461	1.095110573	GAN
62	04225	0.1052190196	1.002113205	0.9911057922	Non-Mated
62	04504	0.9962378194	0.996148447	1.080887182	GAN
62	04589	0.06134030916	1.031525061	0.9478661848	Non-Mated
62	04850	0.08229241086	1.090025687	0.9632437404	Non-Mated
62	04880	0.1133895274	1.004549466	0.9786721304	Non-Mated
62	04902	0.1388001872	0.9908995438	1.035223382	GAN
63	04597	0.160705346	1.160760234	1.089158808	Non-Mated
63	04715	0.2286290833	1.065250425	0.9411464359	Non-Mated
63	04910	0.1279501292	1.003474306	0.9263753403	Non-Mated