

File: 2D-DDg_results.txt

genes	pv1	pv2	cutoff1	cutoff2	design	2Dpvalue	fdr
TNKS:WASF2	0.020700768	0.02650041	7.007	8.2357	4.1	0.015955017	0.07116987
FLNB:NRAS	0.024818387	0.01904491	9.23	6.6972	3.2	0.00062811	0.00923322
NCOA1:RERE	0.171758794	0.02705284	7.403	8.7433	2.1	0.021593868	0.07116987
MAPRE1:STAT5B	0.132723649	0.02342273	9.905	7.4382	2.1	0.024207438	0.07116987
PARD3:ZMYND11	0.054948026	0.03684797	8.556	10.3813	5.2	0.030661285	0.07512015
ADORA2B:FGFR2	0.042686294	0.05697652	6.065	7.5142	4.2	0.020856048	0.07116987

mean_of_gene1_in_cluster1	mean_of_gene1_in_cluster2	fold_change_of_gene1	mean_of_gene2_in_cluster1	mean_of_gene2_in_cluster2
6.937978283	6.394941429	1.084916627	8.683892172	7.936324286
9.921370588	8.921341219	1.112094061	6.017039037	6.662998925
7.905341727	7.323592355	1.079434974	9.130832374	8.361182875
10.32891103	10.01048324	1.031809432	7.967779359	7.484106486
7.76110274	7.859263613	0.987510169	10.60469178	9.861065649
5.363418592	6.371433333	0.841791526	5.753731268	6.525023423

fold_change_of_gene2	mean_survival_time_of_cluster1	mean_survival_time_of_cluster2	resDDw
1.094195733	3.16756127	2.602162585	5.11E-15
0.90305268	3.751615894	2.749182216	0.066638651
1.092050313	3.354735922	2.96289232	1.10E-31
1.064626669	3.229589656	2.851869194	1.10E-11
1.075410322	3.843998985	2.953436024	3.63E-05
0.88179473	3.51033101	1.897573305	1.70E-25

p-test	number_of_lo	number_of_hi	GSM308327	GSM151338	
	0.402375593	396	70	1	1
	0.586903167	187	279	1	2
	0.616323823	139	327	1	2
	0.344426901	281	185	1	1
	0.58722426	73	393	2	1
	0.002768814	355	111	1	2

GSM37044	LBL_POP_W405609.C02	GSM151268	GSM615366	GSM615109	
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	2	1	2	1	1
	2	2	2	2	2
	1	2	1	1	2

GSM615700	GSM177998	X091604_WN405650_LBLPOF	GSM107102	GSM36970	
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	1	1	1	2	1
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	1	1	2	1	1
	2	2	2	2	2
	1	1	1	2	2

GSM65316	GSM36827	LBL_POP_W405609.E09	GSM282415	GSM107074	
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	1	2	2	1	1
	2	2	1	2	2
	2	2	2	2	2
	1	1	1	1	2

GSM615161	GSM615638	GSM107079	GSM615157	GSM36928	
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	1	2	1	2	2
	2	2	1	2	2
	1	1	2	1	1

GSM36813	GSM107176	GSM282517	GSM491271	GSM232226	
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	2	1	2	2	1
	1	1	1	2	1
	2	1	2	2	1
	2	1	1	1	1

GSM615255	GSM491254	GSM615175	GSM615293	GSM151318	
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	2	2	2	2	2
	2	1	1	2	1
	2	2	2	2	2
	2	1	1	1	1

GSM232267	GSM491229	GSM615705	GSM615271	GSM36958	
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	2	2	2	2	1
	1	2	2	1	1
	1	1	1	2	1
	2	2	2	2	2
	1	2	1	2	1

GSM178005	GSM107201	GSM107093	GSM615150	GSM36906	
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	2	2	2	1	1
	1	2	1	1	1
	2	2	2	2	2
	1	1	1	1	2

GSM615266	GSM151011	GSM232199	GSM36861	GSM36976	
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	1	2	2	1	1
	1	2	2	1	2
	2	1	1	2	2
	2	2	2	2	1
	1	1	2	1	1

GSM65796	GSM151302	GSM615686	GSM308322	GSM615231	
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	1	2	1	2	1
	1	2	1	2	1
	2	1	2	1	1
	2	2	2	2	2
	1	1	2	1	1

GSM615233	GSM107098	GSM151014	GSM308437	GSM36909	
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	2	2	1	2	2
	2	1	1	2	2
	2	1	1	2	1
	2	2	1	2	2
	2	1	1	1	2

GSM36858	GSM308411	GSM37046	GSM65757	GSM615195	
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	2	2	2	2	2
	2	2	1	2	2
	2	2	2	2	2
	1	2	1	1	2

GSM232253	GSM232231	GSM178003	GSM107184	GSM37009	
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	2	2	2	1	2
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	1	1	2	1	2
	1	1	2	1	1

GSM491263	GSM782580	GSM36952	GSM150971	GSM615675	
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	1	1	1	2	2
	1	1	2	2	1
	1	2	2	2	2
	1	1	2	1	1

X091604_WN405650_LBLPOF GSM308338

GSM308350

GSM308312

GSM65873

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GSM36797	GSM150977	GSM282489	GSM150974	GSM615199	
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	2	2	2	2	1
	1	1	2	2	1
	2	2	2	2	2
	2	2	1	1	1

GSM65369	GSM308334	GSM615159	GSM36910	GSM65356	
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	2	1	2	2	2
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	2	2	2	1	2
	2	1	2	1	2

GSM177989

X091604_WN405650_LBLPOF GSM615337

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1	2
1	1
2	1
1	1

X091604_WN405650_LBLPOF GSM282423

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1	1	1
2	1	2
1	2	2

GSM615146	GSM107196	GSM65351	GSM107113	GSM65357	
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	1	2	2	2	2
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GSM782530	GSM615284	GSM151019	LBL_POP_W405609.H11	GSM36959	
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	2	2	2	2	2
	1	1	1	1	1

GSM178036	GSM282549	GSM107155	GSM615343	GSM615718	
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	2	1	2	2	1
	1	1	2	2	1
	1	2	1	1	1
	2	2	2	2	2
	1	1	1	1	1

GSM37054	GSM107160	GSM615801	GSM308314	GSM615346	
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	2	2	2	1	2
	2	1	1	1	1
	2	2	2	2	1
	2	1	2	1	1

GSM615376

GSM282484

GSM36903

GSM282516

GSM308380

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2	2	2	2	2
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2	2	2	2	2
2	2	2	1	1

GSM308257	GSM308353	GSM282481	GSM178043	GSM782564	
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	2	2	2	2	1
	1	2	1	2	1
	2	2	2	1	2
	1	1	1	1	1

GSM282560	GSM308397	GSM65754	GSM65324	GSM282477	
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	1	2	1	2	2
	2	2	1	1	2
	2	1	1	2	2
	1	1	1	1	2

LBL_POP_W405609.C12	GSM615249	GSM107112	GSM615384	GSM36779	
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	2	2	2	2	2
	1	1	2	1	1
	1	2	2	2	2
	1	1	1	2	1

GSM615296	GSM308416	GSM150997	GSM615387	GSM65850	
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	2	2	2	2	2
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	1	2	2	2	2
	1	2	1	1	1

GSM615798

X091604_WN405650_LBLPOF GSM282491

GSM177997

GSM615173

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GSM615652	GSM615291	GSM615160	GSM107189	GSM491225	
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	2	2	2	2	1
	2	2	1	2	1
	1	2	2	2	2
	1	1	2	1	1

GSM178077	GSM107077	GSM282453	GSM151282	GSM615762	
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	1	2	2	2	2
	2	2	2	2	2
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	1	2	2	2	2
	1	1	2	1	2

GSM150946	GSM37060	GSM308347	GSM151275	GSM151007	
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	2	2	1	2	2
	2	1	1	1	2
	2	2	2	2	2
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GSM491197	GSM37059	GSM151048	GSM178010	GSM282443	
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	1	1	2	1	1
	2	2	2	2	2
	2	1	1	1	1

GSM282399	GSM615749	GSM615311	GSM232259	GSM615373	
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	1	1	2	2	2
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	2	2	1	2	1
	2	1	1	1	2
	1	1	1	1	1

GSM282541	GSM615250	GSM151022	GSM232258	GSM65353	
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	1	1	2	2	1
	1	2	1	1	1
	2	2	2	2	2
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GSM615180	GSM282449	GSM491245	GSM282391	GSM615189	
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	1	1	2	1	2
	2	2	2	2	2
	2	2	2	1	2
	1	1	1	1	1

GSM308422	GSM282414	GSM282505	GSM36829	GSM36863	
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	2	1	1	2	2
	1	2	1	2	2
	2	1	2	1	1
	2	2	2	2	2
	1	1	1	1	1

GSM65320	GSM282462	GSM232268	GSM615342	GSM232257	
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	1	2	2	2	1
	2	1	1	1	1

GSM107218	GSM177934	GSM615355	GSM150963	GSM36999	
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	2	2	1	2	1
	2	2	2	2	1
	2	1	1	1	1

GSM36984	GSM282454	GSM36796	GSM177902	GSM615227	
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	1	2	2	2	1
	2	2	2	2	2
	2	2	2	2	2
	1	2	1	1	2

GSM615363	GSM107100	GSM107152	GSM308261	GSM232240	
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	2	1	2	2	2
	2	1	2	1	2
	2	2	2	2	2
	1	2	1	2	2

GSM36830	GSM107161	GSM36869	LBL_POP5_4006154_240.D05	GSM151326	
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	1	1	1	2	2
	2	1	1	1	1

GSM282538	GSM282490	GSM36979	GSM282470	GSM177978	
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	2	2	2	1	2
	1	1	2	2	1
	2	2	2	2	2
	1	1	1	1	2

GSM151068	GSM177966	GSM282551	GSM36913	GSM615318	
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	2	2	2	1	2
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GSM615744	GSM65842	GSM177947	GSM615096	GSM107185	
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	2	2	1	1	1
	1	2	1	1	1
	2	1	1	1	2
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	1	2	1	1	1

GSM615818	LBL_POP_W405609.D09	GSM151291	GSM615277	GSM615309	
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GSM232220

GSM308456

GSM36890

GSM107221

GSM150967

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GSM65875	GSM232212	GSM107078	GSM107121	GSM151283	
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	1	2	2	2	2
	1	2	2	2	2
	2	1	1	1	1
	1	2	2	2	2
	1	1	1	1	1

GSM65348	GSM282417	GSM37052	GSM615174	LBL_POP_W405609.H04	
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	2	2	2	2	2
	2	1	2	1	1

GSM177893	GSM782581	GSM308409	GSM282424	GSM308370	
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	2	2	1	2	2
	2	2	2	1	2
	1	1	2	1	1
	1	2	2	1	2
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GSM615254	GSM65802	GSM107126	GSM615632	GSM36888	
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	1	1	1	1	1
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GSM491264	GSM308271	GSM36887	GSM282457	X091604_WN405650_LBLPOF	
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GSM491255	GSM308374	GSM107193	GSM615684	GSM782557	
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	1	1	2	2	2
	2	1	2	1	2
	1	2	2	2	2
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GSM37012	GSM491200	GSM36814	GSM491284	GSM177887	
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	2	2	1	1	1
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	1	2	1	1	2

GSM308378	GSM36778	GSM36812	GSM178069	GSM151266	
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	2	2	1	2	2
	1	2	1	2	2
	2	2	1	2	2
	1	1	1	1	1

GSM37006	LBL_POP_W405609.D11	GSM282515	GSM615644	GSM282555	
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	1	1	1	1	2
	2	2	2	2	2
	1	1	1	1	1

GSM308394	GSM107170	GSM615228	GSM782544	GSM308417	
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	1	2	2	2	2
	2	2	1	2	1
	2	1	2	1	2
	1	1	1	2	2
	1	1	1	2	1

GSM491186	GSM615205	GSM107087	GSM615390	GSM36918	
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	2	1	1	2	2
	2	1	2	2	1
	1	1	2	1	1
	2	2	2	1	2
	2	1	1	1	2

GSM615760	GSM150972	GSM282418	GSM178040	GSM151274	
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	2	2	2	1	2
	2	1	1	1	1
	2	2	2	2	2
	1	2	1	1	1

GSM308373	LBL_POP_W405609.G05	GSM308406	GSM615237	GSM491213	
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	2	1	2	1	1
	2	2	2	2	2
	2	1	1	1	1

GSM65755	GSM151029	GSM282507	LBL_POP_W405609.H05	GSM615745	
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	1	1	1	1	2

GSM36870	GSM177981	LBL_POP5_4006154_240.D07	GSM615660	GSM37057	
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	2	2	1	2	2
	1	2	2	1	2
	2	2	2	2	2
	1	1	1	1	1

GSM615672	GSM36925	GSM615153	GSM151039	GSM37024	
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	2	2	2	2	2
	1	1	1	1	1
	2	2	2	2	2
	1	1	1	2	1

GSM178060	GSM151271	GSM150996	GSM232216	GSM151036	
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	2	2	2	1	2
	2	2	2	2	2
	1	1	1	1	1
	1	2	2	2	2
	1	1	1	1	1

GSM177940	GSM308361	GSM107162	GSM782528	GSM282566	
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	2	1	1	1	1
	2	1	1	1	1
	2	2	2	2	1
	1	1	1	1	1

GSM308270	GSM615356	GSM615183	GSM178000	GSM282488	
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	2	2	2	2	2
	1	1	2	1	1
	2	2	2	2	1
	2	1	1	1	1

GSM177992	GSM151023	GSM282385	GSM615731	GSM37022	
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	1	2	2	1	2
	1	2	1	1	1
	1	2	2	2	2
	1	1	2	1	2

GSM615364	GSM107114	GSM615121	GSM36846	GSM491216	
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	2	1	2	2	2
	1	1	2	1	1
	2	2	2	2	2
	2	1	1	2	2

GSM151304	GSM282439	X091604_WN405650_LBLPOF	GSM37030	GSM36973	
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	2	1	1	2	1
	2	2	2	2	2
	2	2	1	2	2

GSM177941	GSM615110	LBL_POP_W405609.B10	LBL_POP_W405609.G11	GSM65862	
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	2	2	2	1	1
	2	2	2	1	2
	2	2	2	1	2
	1	1	1	1	1

GSM615788	GSM615720	GSM282533	GSM65814	GSM615221	
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	1	1	2	1	1
	2	2	2	2	2
	1	2	1	1	2
	2	2	2	2	2
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GSM615176	GSM232244	GSM107142	GSM107101	GSM36792	
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GSM491280	GSM151000	GSM36790	GSM177954	LBL_POP_W405609.A02	
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	1	1	2	2	2

GSM615193	GSM615811	GSM308302	LBL_POP5_4006154_240.D11	GSM107228	
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GSM308336	GSM782558	GSM308292	GSM36843	GSM615105	
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	2	2	2	2	1
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	1	2	2	1	1

GSM491207	GSM177932	GSM65765	GSM151002	GSM107131	
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	2	2	2	1	2
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GSM308275

GSM177965

GSM36781

GSM36988

LBL_POP_W405609.B07

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GSM151038	GSM178023	GSM491201	GSM615163	GSM65365	
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	2	2	2	2	1
	2	2	2	1	1
	2	2	1	2	1
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GSM615220	GSM491228	GSM308403	GSM36947	X091604_WN405650_LBLPOF	
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	2	1	1	2	2
	1	1	1	1	2
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GSM65341	GSM615702	GSM178011	GSM151061	GSM491256	
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	2	1	2	2	2
	1	1	2	2	1
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GSM107146	GSM615657	GSM782559	GSM615641	GSM65840	
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	2	2	2	2	2
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	1	2	1	2	2
	1	2	1	2	1

GSM65774	GSM615670	GSM615715	GSM151063	GSM150979	
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	2	2	2	1	1
	1	1	1	1	1
	1	2	2	2	2
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GSM491248	GSM615370	GSM615399	GSM37058	GSM615739	
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	1	1	1	1	2
	2	2	2	2	2
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GSM491244	GSM308398	GSM615145	GSM178049	GSM107082	
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	1	2	2	2	2
	2	2	2	2	2
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GSM615653	GSM491192	GSM282493	GSM308405	GSM36783	
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LBL_POP_W405609.A10	GSM36895	GSM178052	GSM308384	GSM282564	
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	1	2	2	1	1
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	1	1	1	1	1

GSM65828	GSM107120	GSM308362	GSM151049	GSM178047	
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	1	2	2	1	2
	2	1	1	1	2
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GSM37025	GSM282568	GSM615348	GSM615236	GSM491177	
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	2	1	2	2	1
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GSM308297	GSM65793	GSM282500	GSM615139	GSM615335	
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GSM308446	GSM615400	GSM615786	GSM36855	GSM177905	
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GSM308341	GSM282499	GSM107091	GSM282524	GSM615184	
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	1	2	2	2	2
	2	1	1	1	2
	2	2	2	2	2
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GSM107143	GSM178061	GSM282386	LBL_POP_W405609.C10	GSM282528	
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	2	1	2	1	1
	1	2	2	2	2
	1	1	1	1	2

GSM65752	GSM308340	GSM282532	GSM151031	GSM282463	
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	2	2	1	2	1
	1	2	1	1	2
	2	2	2	2	2
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GSM308355	GSM151001	GSM65770	GSM177895	
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	2	2	1	2
	2	2	1	2
	2	2	2	2
	1	1	1	1