

Table S1 Eighty-one lncRNAs were upregulated and 56 downregulated

Lnc	conMean	treatMean	LogFC	P value	FDR
SATB2-AS1	3.263644	1.331876	-1.29302	2.31E-12	2.27E-10
AL139022.1	0.215413	0.605613	1.491288	0.001622	0.005777
AC083837.1	0.274535	0.565583	1.042751	1.74E-06	1.78E-05
LINC00896	0.315604	0.833356	1.400815	1.51E-06	1.57E-05
LINC02418	4.469751	2.116022	-1.07884	2.13E-08	3.85E-07
AP000892.3	1.373846	0.56943	-1.27063	0.000281	0.001288
AC106037.2	0.185673	0.908019	2.289958	0.003639	0.011274
AL590764.1	1.0803	0.376926	-1.51908	0.000367	0.00165
AC007878.1	0.693002	1.953194	1.494904	0.007257	0.019408
AC108134.3	2.597882	1.03223	-1.33157	2.27E-12	2.27E-10
AP000439.2	6.933847	3.130735	-1.14715	1.09E-12	1.32E-10
AFAP1-AS1	1.227195	4.844596	1.981012	0.020043	0.043939
AL136115.2	0.467383	1.443113	1.626507	0.000972	0.003778
AP003071.4	0.545501	0.269064	-1.01963	5.14E-05	0.000326
CLDN10-AS1	1.170945	0.131933	-3.1498	1.03E-05	7.82E-05
EP300-AS1	0.602137	1.265507	1.071551	1.43E-11	7.76E-10
AC254629.1	4.695431	1.966961	-1.25529	6.14E-12	4.03E-10
AC114296.1	0.900505	0.22409	-2.00665	4.80E-11	2.22E-09
DLG3-AS1	0.427362	1.024622	1.261559	0.007271	0.019408
AC090181.2	0.947178	3.473434	1.874655	6.52E-10	2.18E-08
AC135388.1	0.771644	0.141235	-2.44984	2.40E-11	1.18E-09
AC100791.2	0.287139	0.667802	1.217671	0.000543	0.002284
AC026336.3	1.010562	0.261749	-1.9489	8.08E-09	1.77E-07
AC106876.1	7.297159	3.569219	-1.03173	2.28E-11	1.16E-09
LINC02041	0.624243	1.944109	1.638929	3.93E-10	1.41E-08
AL138789.1	0.181172	0.708085	1.966559	5.26E-05	0.000332
AC092756.1	0.274205	0.691437	1.334341	0.002458	0.008214
AL133330.1	0.534984	1.175185	1.135321	1.72E-05	0.000124
AC092112.1	0.113814	1.117944	3.296094	0.000429	0.001866
AC020656.2	0.342168	0.905786	1.404466	0.00023	0.001113
AC112484.3	0.243391	0.748677	1.621067	2.84E-05	0.000191
AC104695.3	1.476418	3.7837	1.357696	0.009679	0.024573
LINC00525	0.831191	0.254094	-1.70982	5.44E-15	2.14E-12
AL022316.1	0.438675	1.846152	2.073297	4.22E-08	6.57E-07
AC253536.3	0.358536	1.117436	1.640001	0.009721	0.024601
AC078993.1	4.208335	0.946461	-2.15263	1.45E-09	4.04E-08
AC005256.1	0.524732	1.590905	1.600195	5.87E-07	6.79E-06
AC136475.9	0.762446	0.1352	-2.49554	1.46E-09	4.04E-08
AC027290.2	0.480894	1.158222	1.268121	0.003076	0.00988
AC064801.1	0.199167	0.59223	1.572181	1.71E-07	2.25E-06
AP005271.1	0.777641	0.376353	-1.04702	6.76E-07	7.59E-06
AP005899.1	0.428537	1.282659	1.581647	2.98E-08	4.89E-07
AC130456.3	0.650838	1.716592	1.399176	4.89E-07	5.78E-06
AL391056.1	1.555264	0.688809	-1.17498	4.14E-10	1.45E-08
AC067945.1	0.265649	1.016358	1.935814	0.01529	0.035497
AC012317.1	0.441329	1.311318	1.571092	2.03E-05	0.000141

Table S1 (continued)

Table S1 (continued)

Lnc	conMean	treatMean	LogFC	P value	FDR
AC114760.2	0.344139	0.840834	1.288832	0.000852	0.003369
AC010998.3	0.23085	0.992921	2.10472	0.003529	0.011022
AC027607.1	0.364713	0.794035	1.122441	0.000347	0.001574
AL121761.1	0.768722	1.796768	1.22487	0.003922	0.012056
AC017074.1	2.783165	1.252842	-1.15152	4.85E-13	7.63E-11
AC132192.1	0.263042	0.579271	1.138946	0.005287	0.015259
AC007996.1	0.549296	1.337934	1.284351	2.03E-14	5.31E-12
AC036176.3	0.193443	0.776446	2.004976	0.000258	0.001214
LINC00941	0.48666	1.2478	1.3584	5.74E-07	6.69E-06
AC124067.4	10.37331	5.139954	-1.01305	6.33E-09	1.43E-07
AGAP1-IT1	0.786685	1.951518	1.310739	7.15E-07	7.98E-06
AC108865.2	1.791604	0.184711	-3.27791	0.000216	0.001056
AC032044.1	0.341677	0.698489	1.031604	6.10E-05	0.000365
NPTN-IT1	0.430873	1.098409	1.350079	0.014101	0.033227
AC108865.1	4.99933	0.406014	-3.62213	6.70E-06	5.52E-05
AP000785.1	0.648716	0.254914	-1.34758	1.39E-06	1.48E-05
AL121839.2	0.518638	1.077427	1.054791	2.24E-06	2.19E-05
LINC01082	1.768679	0.617166	-1.51894	1.34E-10	5.26E-09
LHFPL3-AS2	2.65626	1.028778	-1.36847	0.000146	0.000765
AC141930.1	0.201944	0.583749	1.53139	3.83E-08	6.03E-07
AC053503.4	2.498457	0.505568	-2.30506	5.15E-06	4.58E-05
AL606834.1	0.597492	1.474691	1.303422	5.20E-08	7.88E-07
AL162582.1	2.073973	0.799075	-1.37599	4.33E-06	3.88E-05
AC093585.1	0.688411	0.26148	-1.39657	2.83E-08	4.74E-07
AL390198.1	3.44889	1.38262	-1.31873	1.96E-08	3.66E-07
AL022313.2	1.007331	0.463489	-1.11993	1.64E-05	0.000119
AP002498.1	1.261239	3.622285	1.522058	0.0171	0.038615
AC091588.1	0.307998	1.290111	2.066502	0.00037	0.00166
AC012501.2	0.949959	0.3193	-1.57295	1.29E-09	3.83E-08
AC108058.1	0.555257	1.118173	1.009917	0.00494	0.014535
AP001554.1	0.694776	0.190462	-1.86704	4.89E-09	1.13E-07
AL121895.2	0.749682	0.358633	-1.06377	3.08E-07	3.73E-06
NKILA	1.696497	0.789099	-1.10428	5.95E-12	4.03E-10
AC005392.2	2.012855	4.656967	1.210147	0.006566	0.017819
AL139384.1	0.810717	0.400662	-1.01681	1.57E-09	4.19E-08
LINC00654	1.521138	0.396254	-1.94065	1.16E-14	3.66E-12
AC023825.2	0.228911	0.609865	1.413703	0.000307	0.001398
AP002761.4	1.827599	0.905832	-1.01263	9.01E-10	2.84E-08
AP000251.1	0.267671	0.597842	1.159301	0.01395	0.033019
AC009996.1	0.347304	0.793285	1.191642	0.000505	0.002164
LINC01443	0.131698	0.699876	2.409865	2.44E-05	0.000165
DLGAP1-AS5	0.054601	1.413953	4.694674	2.32E-05	0.00016
LINC01315	4.889959	2.419758	-1.01496	1.76E-08	3.38E-07
AC022784.1	0.207966	0.986104	2.245395	6.86E-08	1.02E-06
LOXL1-AS1	0.520056	1.226924	1.238308	1.44E-09	4.04E-08
AC115522.1	0.420704	0.928506	1.142107	2.80E-07	3.41E-06

Table S1 (continued)

Table S1 (continued)

Lnc	conMean	treatMean	LogFC	P value	FDR
AP001429.1	0.623855	1.521805	1.286501	0.002591	0.008584
AL109615.3	0.578406	1.169276	1.015462	2.94E-08	4.87E-07
AP001107.4	0.321578	0.720211	1.163249	0.000836	0.003322
AC007991.2	0.583263	2.098948	1.847448	0.011025	0.027231
AC073487.1	0.450909	1.002731	1.153026	5.75E-05	0.000351
AC004832.5	0.307127	0.679864	1.146411	0.00012	0.000652
AL121829.2	0.749064	0.316149	-1.24449	9.47E-06	7.38E-05
AL024508.1	0.447147	1.056642	1.240666	0.00018	0.000898
AP003555.2	0.412051	0.826696	1.004536	0.001451	0.005252
TUSC8	3.830048	1.277904	-1.58358	2.90E-15	1.52E-12
AC091057.4	0.488576	0.991232	1.020639	1.99E-07	2.51E-06
AC005911.1	0.412353	0.977438	1.245125	1.09E-10	4.51E-09
AC026801.2	0.69079	0.318617	-1.11643	2.85E-10	1.07E-08
AP001625.2	0.581906	1.203421	1.048285	0.000176	0.000885
TFAP2A-AS1	0.28822	1.161046	2.010183	8.80E-18	1.39E-14
AC068888.2	0.184258	0.721032	1.968338	0.007665	0.020126
XXYL1-AS2	0.252436	0.611525	1.276494	9.77E-06	7.54E-05
BOK-AS1	1.629157	0.556553	-1.54954	0.000123	0.000664
LINC02195	0.424969	1.108173	1.382753	1.34E-09	3.91E-08
AC009812.1	1.351057	0.573863	-1.23531	2.10E-12	2.27E-10
AC009041.2	0.713702	1.585362	1.151419	0.000153	0.000792
AC023043.4	0.741086	1.553118	1.067454	2.49E-14	5.60E-12
FENDRR	2.206017	1.029552	-1.09943	6.74E-12	4.24E-10
AL157871.2	0.286166	1.020079	1.833757	1.98E-07	2.51E-06
AC018410.1	0.159333	0.688157	2.11069	0.006224	0.017215
HAR1B	0.373786	0.843845	1.174768	1.81E-05	0.000128
MIRLET7BHG	0.41134	0.947051	1.203111	6.09E-07	6.94E-06
LINC00543	3.583235	1.745928	-1.03727	2.66E-12	2.47E-10
SMIM2-AS1	1.689804	0.828729	-1.02788	4.36E-09	1.02E-07
LINC02441	3.840394	1.251533	-1.61756	2.18E-13	3.81E-11
AC025423.1	0.240071	0.610941	1.347573	0.000125	0.000671
AC009237.14	2.184394	1.033768	-1.07932	1.14E-11	6.42E-10
AL031651.2	0.573795	0.285993	-1.00456	0.021189	0.046003
AC009318.4	0.274172	0.631737	1.204246	0.006267	0.017271
LINC02446	0.24564	1.33461	2.4418	5.19E-12	3.71E-10
RHPN1-AS1	1.079381	0.434489	-1.31281	9.39E-10	2.84E-08
BOLA3-AS1	0.757076	0.330146	-1.19733	2.16E-10	8.27E-09
AC010280.1	0.91508	0.297898	-1.61908	1.34E-08	2.74E-07
OSER1-DT	5.511887	2.314471	-1.25186	4.58E-17	3.60E-14
PTPRD-AS1	0.97144	0.352669	-1.46181	1.10E-11	6.42E-10
DPP10-AS1	0.996428	0.465868	-1.09684	6.57E-06	5.50E-05
RARA-AS1	3.902149	1.506859	-1.37272	1.69E-08	3.29E-07
AL162724.2	0.506196	1.128372	1.156475	0.006072	0.016975
LINC02489	0.483755	1.608278	1.733169	1.43E-06	1.51E-05
FEZF1-AS1	0.905064	2.286439	1.337011	7.23E-10	2.37E-08

LncRNAs, long non-coding RNAs; FDR, false discovery rate.

Table S2 Mutation analysis of the molecule CD274 across different groups

Gene	CD274
TCGA-AA-3984	Mutation
TCGA-AA-3684	Mutation
TCGA-AA-A02R	Wild
TCGA-5M-AAT5	Wild
TCGA-AA-3488	Wild
TCGA-AA-3844	Wild
TCGA-AA-3678	Wild
TCGA-CM-4746	Wild
TCGA-CM-5862	Wild
TCGA-DM-A280	Wild
TCGA-AA-3667	Wild
TCGA-AY-A71X	Wild
TCGA-D5-6537	Wild
TCGA-CM-6680	Wild
TCGA-G4-6317	Wild
TCGA-QG-A5YV	Wild
TCGA-AA-A00N	Wild
TCGA-D5-6531	Wild
TCGA-D5-6539	Wild
TCGA-G4-6298	Wild
TCGA-CK-6747	Wild
TCGA-A6-2677	Wild
TCGA-F4-6461	Wild
TCGA-AA-3848	Wild
TCGA-AA-3979	Wild
TCGA-AA-3866	Wild
TCGA-G4-6293	Wild
TCGA-AA-A01I	Wild
TCGA-AZ-6601	Wild
TCGA-AA-A01Z	Wild
TCGA-AZ-6598	Wild
TCGA-A6-6782	Wild
TCGA-AA-3697	Wild
TCGA-D5-6540	Wild
TCGA-AY-5543	Wild
TCGA-A6-2674	Wild
TCGA-CK-4948	Wild
TCGA-AU-6004	Wild
TCGA-AA-3673	Wild
TCGA-AA-A01X	Wild
TCGA-CM-6172	Wild
TCGA-CA-6719	Wild
TCGA-CM-6162	Wild
TCGA-AD-6895	Wild
TCGA-DM-A1D4	Wild

*Table S2 (continued)***Table S2** (*continued*)

Gene	CD274
TCGA-G4-6309	Wild
TCGA-AY-4070	Wild
TCGA-DM-A28A	Wild
TCGA-A6-2682	Wild
TCGA-A6-2675	Wild
TCGA-AA-3989	Wild
TCGA-G4-6306	Wild
TCGA-AA-3663	Wild
TCGA-AA-3833	Wild
TCGA-AD-6964	Wild
TCGA-A6-6780	Wild
TCGA-D5-6922	Wild
TCGA-G4-6311	Wild
TCGA-WS-AB45	Wild
TCGA-AA-3713	Wild
TCGA-A6-A565	Wild
TCGA-AA-3860	Wild
TCGA-AA-3712	Wild
TCGA-G4-6626	Wild
TCGA-CM-6674	Wild
TCGA-AZ-5403	Wild
TCGA-T9-A92H	Wild
TCGA-AD-6548	Wild
TCGA-AA-3877	Wild
TCGA-AY-A69D	Wild
TCGA-QG-A5YX	Wild
TCGA-AA-A03J	Wild
TCGA-AD-6965	Wild
TCGA-AA-3685	Wild
TCGA-CK-4952	Wild
TCGA-D5-6930	Wild
TCGA-CM-4744	Wild
TCGA-D5-6529	Wild
TCGA-DM-A28H	Wild
TCGA-AA-3502	Wild
TCGA-AA-A02E	Wild
TCGA-A6-3810	Wild
TCGA-CM-4752	Wild
TCGA-AA-3971	Wild
TCGA-AA-3666	Wild
TCGA-A6-2685	Wild
TCGA-G4-6297	Wild
TCGA-CK-5912	Wild
TCGA-RU-A8FL	Wild
TCGA-CK-5913	Wild
TCGA-G4-6299	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-CA-5254	Wild
TCGA-F4-6570	Wild
TCGA-DM-A1D7	Wild
TCGA-AZ-6599	Wild
TCGA-DM-A28C	Wild
TCGA-AA-3941	Wild
TCGA-AA-3818	Wild
TCGA-A6-2679	Wild
TCGA-CK-6748	Wild
TCGA-5M-AATA	Wild
TCGA-D5-5538	Wild
TCGA-4N-A93T	Wild
TCGA-AA-3496	Wild
TCGA-AA-A01V	Wild
TCGA-AA-3854	Wild
TCGA-AD-6901	Wild
TCGA-AA-A004	Wild
TCGA-AZ-4313	Wild
TCGA-AZ-6603	Wild
TCGA-CM-6677	Wild
TCGA-CA-6717	Wild
TCGA-G4-6321	Wild
TCGA-AA-3841	Wild
TCGA-D5-5541	Wild
TCGA-G4-6294	Wild
TCGA-QL-A97D	Wild
TCGA-D5-6926	Wild
TCGA-A6-5667	Wild
TCGA-AA-3811	Wild
TCGA-A6-5661	Wild
TCGA-AA-3845	Wild
TCGA-AZ-6605	Wild
TCGA-A6-2686	Wild
TCGA-AA-A02H	Wild
TCGA-AA-A02W	Wild
TCGA-AZ-6606	Wild
TCGA-AA-3852	Wild
TCGA-AA-3947	Wild
TCGA-AA-A02Y	Wild
TCGA-AA-A010	Wild
TCGA-AA-A02F	Wild
TCGA-AA-3492	Wild
TCGA-F4-6855	Wild
TCGA-F4-6808	Wild
TCGA-AA-3850	Wild
TCGA-CA-6716	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-CK-4950	Wild
TCGA-G4-6628	Wild
TCGA-NH-A5IV	Wild
TCGA-AA-3664	Wild
TCGA-AZ-6608	Wild
TCGA-G4-6322	Wild
TCGA-CM-6163	Wild
TCGA-F4-6805	Wild
TCGA-CM-6171	Wild
TCGA-AZ-6607	Wild
TCGA-AA-3494	Wild
TCGA-A6-6651	Wild
TCGA-AA-3693	Wild
TCGA-AA-A02K	Wild
TCGA-CA-5255	Wild
TCGA-AA-A01P	Wild
TCGA-AA-3855	Wild
TCGA-AA-3861	Wild
TCGA-AA-3977	Wild
TCGA-A6-A567	Wild
TCGA-AM-5820	Wild
TCGA-A6-6781	Wild
TCGA-AA-3858	Wild
TCGA-AA-A022	Wild
TCGA-CM-4743	Wild
TCGA-AY-6197	Wild
TCGA-AA-3955	Wild
TCGA-AA-3939	Wild
TCGA-CM-6169	Wild
TCGA-AA-3966	Wild
TCGA-D5-6929	Wild
TCGA-CM-5341	Wild
TCGA-A6-6653	Wild
TCGA-A6-5656	Wild
TCGA-D5-5539	Wild
TCGA-AD-5900	Wild
TCGA-AA-3821	Wild
TCGA-F4-6806	Wild
TCGA-A6-2680	Wild
TCGA-D5-6536	Wild
TCGA-DM-A0X9	Wild
TCGA-DM-A28E	Wild
TCGA-G4-6586	Wild
TCGA-AA-3968	Wild
TCGA-AZ-4323	Wild
TCGA-AA-A024	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-F4-6569	Wild
TCGA-AZ-4681	Wild
TCGA-G4-6588	Wild
TCGA-CA-6715	Wild
TCGA-DM-A28G	Wild
TCGA-F4-6704	Wild
TCGA-AA-3864	Wild
TCGA-F4-6459	Wild
TCGA-CM-6161	Wild
TCGA-A6-5660	Wild
TCGA-A6-2671	Wild
TCGA-AA-3715	Wild
TCGA-AA-3872	Wild
TCGA-D5-6534	Wild
TCGA-A6-3807	Wild
TCGA-AZ-6600	Wild
TCGA-DM-A28M	Wild
TCGA-A6-2672	Wild
TCGA-AA-3510	Wild
TCGA-AA-3662	Wild
TCGA-F4-6703	Wild
TCGA-AA-3819	Wild
TCGA-CK-5914	Wild
TCGA-AA-A01S	Wild
TCGA-NH-A6GA	Wild
TCGA-NH-A6GC	Wild
TCGA-AD-6889	Wild
TCGA-CM-6676	Wild
TCGA-D5-7000	Wild
TCGA-AZ-4315	Wild
TCGA-A6-5659	Wild
TCGA-AA-3812	Wild
TCGA-AZ-4616	Wild
TCGA-5M-AAT4	Wild
TCGA-AA-3495	Wild
TCGA-AA-3696	Wild
TCGA-AA-3506	Wild
TCGA-A6-6137	Wild
TCGA-QG-A5YW	Wild
TCGA-AA-3675	Wild
TCGA-DM-A1DB	Wild
TCGA-3L-AA1B	Wild
TCGA-CM-6165	Wild
TCGA-AA-3851	Wild
TCGA-AA-A01T	Wild
TCGA-AD-A5EK	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-NH-A50U	Wild
TCGA-AA-3930	Wild
TCGA-AA-3982	Wild
TCGA-CA-5796	Wild
TCGA-AA-A017	Wild
TCGA-NH-A6GB	Wild
TCGA-AY-6386	Wild
TCGA-D5-6927	Wild
TCGA-AZ-4614	Wild
TCGA-CK-5915	Wild
TCGA-CM-6678	Wild
TCGA-CM-5863	Wild
TCGA-A6-6648	Wild
TCGA-F4-6856	Wild
TCGA-CM-6167	Wild
TCGA-AD-A5EJ	Wild
TCGA-G4-6304	Wild
TCGA-5M-AATE	Wild
TCGA-AA-3846	Wild
TCGA-CA-5256	Wild
TCGA-AA-3976	Wild
TCGA-CM-5861	Wild
TCGA-AY-4071	Wild
TCGA-G4-6323	Wild
TCGA-AA-3660	Wild
TCGA-D5-6920	Wild
TCGA-CM-6679	Wild
TCGA-CA-5797	Wild
TCGA-CM-4750	Wild
TCGA-NH-A50T	Wild
TCGA-AA-3949	Wild
TCGA-AA-3956	Wild
TCGA-F4-6854	Wild
TCGA-CM-5868	Wild
TCGA-DM-A1HB	Wild
TCGA-DM-A1D8	Wild
TCGA-AA-3952	Wild
TCGA-CM-6170	Wild
TCGA-D5-6538	Wild
TCGA-CK-5916	Wild
TCGA-AZ-4684	Wild
TCGA-G4-6320	Wild
TCGA-DM-A288	Wild
TCGA-D5-6530	Wild
TCGA-AA-3972	Wild
TCGA-A6-6654	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-AA-3814	Wild
TCGA-AA-3688	Wild
TCGA-DM-A1HA	Wild
TCGA-AA-3692	Wild
TCGA-A6-2684	Wild
TCGA-AA-3870	Wild
TCGA-AA-A01C	Wild
TCGA-G4-6303	Wild
TCGA-D5-6532	Wild
TCGA-AA-3679	Wild
TCGA-AA-3862	Wild
TCGA-AA-3856	Wild
TCGA-G4-6295	Wild
TCGA-SS-A7HO	Wild
TCGA-DM-A1D6	Wild
TCGA-D5-5540	Wild
TCGA-NH-A50V	Wild
TCGA-AD-6963	Wild
TCGA-CM-6166	Wild
TCGA-CM-5348	Wild
TCGA-AA-3680	Wild
TCGA-F4-6463	Wild
TCGA-AA-3530	Wild
TCGA-D5-5537	Wild
TCGA-AA-3875	Wild
TCGA-AA-3511	Wild
TCGA-A6-6142	Wild
TCGA-D5-6932	Wild
TCGA-QG-A5Z1	Wild
TCGA-AY-A54L	Wild
TCGA-NH-A8F7	Wild
TCGA-AZ-5407	Wild
TCGA-AA-3695	Wild
TCGA-AA-3842	Wild
TCGA-AA-3973	Wild
TCGA-AD-6890	Wild
TCGA-DM-A28F	Wild
TCGA-AA-3681	Wild
TCGA-QG-A5Z2	Wild
TCGA-CM-4751	Wild
TCGA-AA-3994	Wild
TCGA-AA-3950	Wild
TCGA-A6-5666	Wild
TCGA-A6-4107	Wild
TCGA-AA-3815	Wild
TCGA-CM-5349	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-DM-A0XD	Wild
TCGA-D5-6931	Wild
TCGA-DM-A282	Wild
TCGA-A6-5664	Wild
TCGA-CM-4747	Wild
TCGA-CM-6168	Wild
TCGA-A6-3809	Wild
TCGA-D5-6898	Wild
TCGA-AA-3975	Wild
TCGA-A6-6650	Wild
TCGA-AD-6888	Wild
TCGA-AA-3655	Wild
TCGA-D5-6541	Wild
TCGA-AA-3509	Wild
TCGA-CK-6751	Wild
TCGA-A6-6652	Wild
TCGA-A6-A566	Wild
TCGA-DM-A285	Wild
TCGA-F4-6460	Wild
TCGA-D5-6928	Wild
TCGA-AA-3831	Wild
TCGA-AA-3867	Wild
TCGA-D5-6924	Wild
TCGA-G4-6315	Wild
TCGA-A6-4105	Wild
TCGA-G4-6627	Wild
TCGA-A6-5665	Wild
TCGA-G4-6302	Wild
TCGA-A6-2681	Wild
TCGA-AA-3672	Wild
TCGA-AA-A02O	Wild
TCGA-AA-3980	Wild
TCGA-A6-3808	Wild
TCGA-CK-6746	Wild
TCGA-NH-A8F8	Wild
TCGA-AA-3986	Wild
TCGA-DM-A28K	Wild
TCGA-5M-AAT6	Wild
TCGA-AY-A8YK	Wild
TCGA-AA-A01R	Wild
TCGA-CA-6718	Wild
TCGA-A6-6649	Wild
TCGA-A6-A56B	Wild
TCGA-G4-6307	Wild
TCGA-G4-6310	Wild
TCGA-AU-3779	Wild

Table S2 (continued)

Table S2 (continued)

Gene	CD274
TCGA-AA-3837	Wild
TCGA-F4-6809	Wild
TCGA-AZ-4615	Wild
TCGA-CM-5864	Wild
TCGA-DM-A1D0	Wild
TCGA-AA-3967	Wild
TCGA-CK-4947	Wild
TCGA-AA-A03F	Wild
TCGA-CM-4748	Wild
TCGA-CM-6675	Wild
TCGA-G4-6625	Wild
TCGA-D5-6533	Wild
TCGA-A6-5657	Wild
TCGA-AM-5821	Wild
TCGA-AA-3869	Wild
TCGA-A6-6138	Wild
TCGA-CK-4951	Wild
TCGA-AA-3489	Wild
TCGA-CM-5344	Wild
TCGA-D5-6535	Wild
TCGA-4T-AA8H	Wild
TCGA-DM-A1DA	Wild
TCGA-AZ-4682	Wild
TCGA-DM-A0XF	Wild
TCGA-CM-6164	Wild
TCGA-AD-6899	Wild
TCGA-AY-6196	Wild
TCGA-F4-6807	Wild
TCGA-DM-A1D9	Wild
TCGA-CM-5860	Wild
TCGA-G4-6314	Wild
TCGA-AZ-4308	Wild

TCGA, The Cancer Genome Atlas.