

Supplemental Table 5. The normalized cell viability ratio for each drug sensitivity screen replicate and the average is shown. The FDR adjusted p-value is also included. Note that the p values indicate differences from the non-targeting siRNA control and both increased and decreased sensitivities can yield significant p values. Only siRNAs causing decreased sensitivity are depicted in figures.

Gene Symbol	Plate	Well	Title	Gene Accession	Sequence	HU					ATR inhibitor					Chk1 inhibitor				
						Replicate 1	Replicate 2	Replicate 3	Average	P value	Replicate 1	Replicate 2	Replicate 3	Average	P value	Replicate 1	Replicate 2	Replicate 3	Average	P value
ABC8B	Plate 01	M19	11914	NM_007188	CAACCCUUCUGUCUCCUUUU	0.71	0.60	0.90	0.74	0.0818333	0.75	0.82	0.82	0.80	0.0002718	1.08	0.80	1.35	1.08	1.415E-05
ABC8B	Plate 01	M19	11914	NM_007188	GCUCUCCGUGUCUCCAAAGA	0.79	0.73	0.88	0.80	0.8562224	1.03	0.97	0.91	0.97	0.1792524	0.67	0.77	0.87	0.77	0.301409
ABC8B	Plate 01	M19	11914	NM_007188	CACACGACGUCUCCGUAAGA	0.82	0.81	0.81	0.81	0.0003461	0.62	0.69	0.69	0.62	0.0004581	0.68	0.85	0.83	0.377	0.280703
BATS	Plate 01	M05	7920	NM_021160	GGAAAGGUUACUUGAUUG	0.74	0.74	0.76	0.75	0.1788989	0.82	0.87	1.04	0.82	0.0004581	0.68	0.75	0.86	0.93	0.026001
BATS	Plate 01	M05	7920	NM_021160	UCUAUUGUCUGGACUUG	0.80	0.69	0.83	0.77	0.363566	1.12	0.83	0.84	0.83	0.0528922	0.57	0.52	0.76	0.67	0.004032
BATS	Plate 01	M05	7920	NM_021160	CGCAACAGUUCUUGAGAA	0.13	-0.08	0.92	0.32	7.32E-23	0.57	2.76	7.27	3.15	0	0.73	0.50	0.66	0.58	0.077E-09
ADAM29	Plate 01	E06	11086	NM_014269	GAAGGAGGUCUUGCAUUG	0.84	0.59	0.87	0.77	0.236919	0.83	0.95	0.69	0.82	0.0008232	0.71	0.61	0.77	0.70	0.008825
ADAM29	Plate 01	F13	21933	NM_145029	GAAGUAGUUGUCUCCUGA	1.20	0.81	0.91	0.96	0.2304978	0.65	0.90	0.69	0.79	0.814E-029	0.78	0.81	0.87	0.92	0.040493
ADAM29	Plate 01	G06	11086	NM_014269	UGACAGAAUUGCAAAUAG	0.07	0.99	0.86	0.97	0.0273715	0.80	1.28	1.12	1.06	0.6619610	0.70	1.00	0.82	0.96	0.001562
ADAM29	Plate 01	H06	11086	NM_014269	GGAAUUCUGCCACCCUGUA	0.99	0.80	0.84	0.88	0.4343799	0.98	1.08	1.22	1.09	0.9799688	1.03	1.01	0.97	1.00	0.004213
AKAPBL	Plate 01	M04	26993	NM_014371	CGAAUACCGGACCUUUCUA	0.60	1.18	0.64	0.81	0.337694	0.24	1.06	0.62	0.64	3.068E-16	0.77	0.69	0.53	0.66	0.000255
AKAPBL	Plate 01	M04	26993	NM_014371	UGAGUAGUUCGAGUUGUUG	0.79	0.69	0.77	0.75	0.191972	0.82	0.85	0.97	0.88	0.0124659	0.71	0.49	0.68	0.63	3.527E-06
AKAPBL	Plate 01	L03	26993	NM_014371	GACGACGAGUUCGAGUUGA	0.81	0.81	0.81	0.81	0.0000000	0.54	0.90	0.69	0.69	0.0000000	0.78	0.85	0.87	0.92	0.040493
ALKBH5	Plate 01	E08	54890	NM_017758	UGAAUUCACUCACUGCAUA	1.14	0.88	0.99	1.00	0.0003002	0.78	1.26	1.09	1.04	0.4819262	0.72	0.68	0.68	0.69	0.006335
ALKBH5	Plate 01	F08	54890	NM_017758	GAUCUUCUGGCGCAAGUCA	1.30	0.58	0.80	0.89	0.735524	0.83	0.83	1.35	0.92	0.0052914	0.79	1.00	1.15	0.98	0.003315
ALKBH5	Plate 01	G08	54890	NM_017758	GAGAAUUCUGGCGCAAGUCA	0.97	0.67	0.80	0.81	0.3732229	1.26	1.12	1.32	1.21	0.206397	0.97	0.77	0.73	0.82	0.950788
ALKBH5	Plate 01	H08	54890	NM_017758	GGCGCAACGUCGAGUAGUCA	1.14	0.74	0.99	0.96	0.0999357	0.82	0.98	1.13	1.04	0.461803	0.91	0.84	1.49	1.08	2.581E-05
ANKRD55	Plate 01	B00	79722	NM_00103935	GACGACGAGUUCGAGUUGA	0.84	0.98	0.82	0.89	0.396853	0.82	0.97	0.93	0.91	0.0173475	0.98	0.85	1.00	0.95	0.014018
ANKRD55	Plate 01	C20	79722	NM_00103935	CGCGCAACCGGAGUUGUUG	0.95	0.84	1.10	0.97	0.445541	0.82	0.78	0.84	0.82	0.0006089	0.77	0.74	1.01	0.84	0.714558
ANKRD55	Plate 01	D20	79722	NM_00103935	AGAAACCCGUGCCCGUAA	0.49	0.37	0.64	0.50	2.89E-09	0.45	1.16	0.82	0.81	1.869E-05	0.49	0.46	0.82	0.50	2.36E-17
ANKX4	Plate 01	M13	307	NM_001153	GAUGAGGUCUUGCAUUAUG	0.47	0.63	1.06	0.72	0.008235	0.54	1.05	0.90	0.83	0.0003248	0.50	0.54	0.84	0.63	1.089E-06
ANKX4	Plate 01	N13	307	NM_001153	GACCAACGACUUCGUGUUG	0.55	0.55	1.39	0.83	0.194432	0.48	0.73	1.46	0.89	0.0037373	0.51	0.49	1.16	0.72	0.0004761
ANKX4	Plate 01	O13	307	NM_001153	GACGCAAAUUCGACUUGUUG	0.68	0.37	0.60	0.55	2.89E-09	1.07	0.74	2.49	1.43	0.0038994	0.53	0.44	0.66	0.55	4.22E-12
ATP5G3	Plate 01	J03	518	NM_001689	GCUCUUCGAGUUAUUAUUG	0.55	0.62	0.58	0.58	2.415E-06	0.98	0.95	1.26	0.90	0.0002174	0.90	0.78	0.81	0.83	0.765651
ATP5G3	Plate 01	K03	518	NM_001689	CAGCAGAGACUAGAGUAGU	1.02	1.01	0.75	0.92	0.144358	0.66	0.71	1.35	0.91	0.0058336	0.69	0.68	0.63	0.67	0.007143
ATP5G3	Plate 01	X03	518	NM_001689	AGAGUUCGACUAGAGACAA	0.65	0.81	0.74	0.74	0.100388	1.13	0.55	1.10	0.60	1.427E-27	0.91	0.83	0.93	0.89	0.138873
ATP5G3	Plate 01	L03	518	NM_001689	GAGUUCGACUAGAGUAGU	0.83	0.70	0.75	0.76	0.296111	0.88	0.84	1.09	0.84	0.0697708	0.96	0.90	0.94	0.83	0.021195
BH2	Plate 01	M18	56898	NM_020139	UGAUUUCUGUUGUUGUUG	0.59	0.59	0.57	0.57	0.0000000	0.52	0.62	0.62	0.52	0.0000000	0.65	0.65	0.66	0.64	0.146E-05
BH2	Plate 01	N18	56898	NM_020139	GAUCUUCUGUUGUUGUUG	0.88	0.91	0.84	0.88	0.405524	0.78	0.98	1.12	0.95	0.0766949	0.79	0.79	0.79	0.79	0.613775
BH2	Plate 01	O18	56898	NM_020139	GACUUCUGUUGUUGUUGUUG	0.97	0.96	1.00	0.97	0.009469	0.97	1.07	0.94	1.00	0.286809	1.11	1.19	1.12	1.14	1.354E-08
CI10r45	Plate 01	E13	21933	NM_145013	GGUUCGUCUUGUUGUUGUUG	1.03	0.88	0.80	0.90	0.285898	0.97	0.98	0.82	0.96	0.1186773	0.67	0.90	0.73	0.77	0.23098
CI10r45	Plate 01	F13	21933	NM_145013	GAUCUUCUGUUGUUGUUGUUG	1.00	0.80	0.90	0.90	0.0000000	0.80	0.85	0.90	0.85	0.0000000	0.80	0.85	0.90	0.85	0.0000000
CI10r45	Plate 01	G13	21933	NM_145013	GCUCUUCUGUUGUUGUUGUUG	0.78	0.62	0.72	0.71	0.0313667	0.78	0.94	1.01	0.91	0.0321254	0.86	0.78	0.94	0.86	0.378882
CI10r45	Plate 01	H13	21933	NM_145013	GACAAACGUCGAGUUGUUGUUG	0.83	0.77	0.98	0.86	0.611295	0.87	0.80	0.62	0.76	2.158E-10	0.74	1.03	1.06	1.28	1.0E-12
CI10r45	Plate 01	I07	121273	NM_152319	GAGCAAGACGACUUCUUGUUG	0.88	0.68	0.81	0.72	0.068474	0.59	0.79	0.62	0.67	6.201E-09	0.48	0.46	0.39	0.44	6.66E-25
CI10r45	Plate 01	O07	121273	NM_152319	UUAUCUUCGUCUUGUUGUUG	0.82	0.88	0.76	0.82	0.925339	0.37	0.46	0.55	0.46	1.93E-24	0.45	0.39	0.51	0.45	5.312E-24
CI10r45	Plate 01	N12	121273	NM_152319	GACUUCGUCUUGUUGUUGUUG	0.81	0.62	0.59	0.54	1.503E-09	0.71	0.57	0.54	0.61	8.95E-12	0.42	0.38	0.49	0.43	1.741E-29
CI10r45	Plate 01	B09	79173	NM_024323	GACACUUCGUCUUGUUGUUG	0.66	0.71	1.30	0.89	0.702006	0.88	0.86	0.44	0.56	1.451E-17	1.11	1.06	1.60	1.26	1.96E-12
CI10r45	Plate 01	C09	79173	NM_024323	GAUCUUCGUCUUGUUGUUGUUG	0.87	0.70	0.94	0.84	0.919753	0.88	0.96	0.78	0.87	0.0093775	0.80	0.69	0.86	0.78	0.472878
CI10r45	Plate 01	D09	79173	NM_024323	CGAUUUCGUCUUGUUGUUGUUG	0.88	0.38	1.09	0.79	0.0517728	0.53	1.79	1.20	1.17	0.641208	0.82	0.85	0.54	0.74	0.0242402
CANX1S	Plate 01	B19	779	NM_000069	GACUUCGUCUUGUUGUUGUUG	0.87	1.05	1.11	1.00	0.0701129	0.91	1.14	1.03	1.03	0.4754744	0.92	0.90	0.87	0.90	1.032226
CANX1S	Plate 01	D19	779	NM_000069	UUAUCUUCGUCUUGUUGUUG	0.79	0.60	0.97	0.81	0.138143	0.93	1.09	1.03	0.91	0.0000000	0.97	0.91	0.97	0.91	0.018073
CANX1S	Plate 01	E19	779	NM_000069	UUAUCUUCGUCUUGUUGUUG	0.80	0.50	0.79	0.81	0.805665	1.10	1.10	1.10	1.07	0.819411	0.74	0.82	0.70	0.86	0.170048
CAMK1	Plate 01	I17	8536	NM_003656	GAGUUCGUCUUGUUGUUGUUG	0.70	0.84	0.71	0.63	0.0002325	0.63	1.05	0.74	0.81	0.0007121	1.14	0.88	0.84	0.96	0.019993
CAMK1	Plate 01	F17	8536	NM_003656	GAAGCGGACUUCGUCUUGUUG	0.65	0.76	0.77	0.72	0.798218	1.04	0.88	1.07	0.80	0.766E-05	0.76	1.03	0.98	0.92	0.4073051
CAMK1	Plate 01	G17	8536	NM_003656	GGUUCUUCGUCUUGUUGUUG	0.80	0.85	0.94	0.90	0.256896	1.02	0.85	1.16	1.34	0.0372403	0.97	1.06	1.06	1.03	7.501E-05
CAMK1	Plate 01	H17	8536	NM_003656	GGUUCUUCGUCUUGUUGUUG	0.78	0.61	0.97	0.78	0.00998463	1.17	1.12	1.14	1.07	0.0000000	0.82	0.81	0.82	0.83	1.911008
CHEK1	Plate 01	B04	1111	NM_001274	GCUCUUCGUCUUGUUGUUG	0.64	0.84	1.08	0.86	0.869107	0.73	1.20	0.76	0.89	0.010532	0.89	0.78	1.28	0.98	0.0049453
CHEK1	Plate 01	C04	1111	NM_001274	AAAGUAGUUGUUGUUGUUG	0.17	0.19	0.14	0.17	0	0.39	2.08	0.52	1.00	1.445E-05	0.21	0.23	0.17	0.20	0
CHEK1	Plate 01	D04	1111	NM_001274	AGAUUAGUUGUUGUUGUUG	0.29	0.42	0.32	0.34	1.555E-33	0.79	0.89	0.59	0.76	1.072E-05	0.35	0.70	0.54	0.	

LCT	Plate 01	C08	3938	NM_002299	UCUUAUCUUCUGGACUUA	1.07	1.17	0.92	1.05	0.0010802	0.66	0.75	0.94	0.78	7.6868-05	0.69	0.82	0.88	0.80	0.653124
LCT	Plate 01	D08	3938	NM_002299	AGUCAGUACCCUUAUUA	0.86	0.79	0.70	0.78	0.495909	0.69	1.09	1.07	0.85	0.002144	0.72	0.67	0.64	0.68	0.0018937
LEO1	Plate 01	H15	123169	NM_138792	UCUUAUCUUCUGGACUUA	1.25	0.84	0.75	0.89	0.00184	0.69	0.75	0.84	0.77	1.6875-05	0.75	0.80	0.77	0.80	0.3352520
LEO1	Plate 01	J15	123169	NM_138792	GCAACAGUACUUAUUA	0.88	0.81	0.95	0.88	0.383725	0.68	1.08	0.63	0.79	0.96-05	0.92	0.81	1.07	0.87	0.0089651
LEO1	Plate 01	K15	123169	NM_138792	GCCGGUACUUCUUAUUA	0.73	0.74	0.81	0.76	0.263967	0.71	0.74	0.45	0.63	4.297E-11	0.33	0.38	0.46	0.39	3.005E-36
LEO1	Plate 01	L15	123169	NM_138792	UCAGAGAACCAUUAUUA	0.89	0.70	0.71	0.77	0.285543	0.43	0.65	0.41	0.50	4.732E-21	0.29	0.30	0.30	0.30	0
LCAL54	Plate 01	M20	3960	NM_006149	ACAUAGUACCCUUAUUA	0.97	1.09	1.55	1.15	5.121E-05	0.53	1.02	0.52	0.73	2.174E-07	0.56	0.67	0.76	0.66	0.0003352
LCAL54	Plate 01	Q20	3960	NM_006149	GCGAGCAUAGUUAUUA	0.86	0.64	0.94	0.93	0.000216	0.69	0.84	0.60	0.71	0.00161	0.50	0.60	0.38	0.40	0.0003352
LCAL54	Plate 01	Q20	3960	NM_006149	GCGAGAAAGCAUUAUUA	0.91	0.69	0.97	0.88	5.002229	0.64	1.09	1.09	0.87	0.00161	0.56	0.59	0.62	0.67	0.0005804
LN28A	Plate 01	B11	79727	NM_024674	GGUGGAGUUAUUCUGUUA	0.88	0.95	0.93	0.92	0.136752	0.68	0.75	0.48	0.69	2.979E-08	0.74	0.80	0.77	0.77	0.340303
LN28A	Plate 01	C11	79727	NM_024674	CUACAUUGUGGAGUUA	0.54	0.41	0.51	0.49	4.043E-13	0.34	0.48	0.28	0.37	1.33E-38	0.61	0.53	0.81	0.65	4.789E-05
LN28A	Plate 01	D11	79727	NM_024674	GAAGGUGUCUGGAGUUA	0.58	0.56	0.53	0.56	9.088E-08	0.59	1.16	0.81	0.86	0.0010888	0.80	0.77	0.92	0.83	0.780909
LZT52	Plate 01	C12	84445	NM_032429	GCGAGAAUUCUGGAGUUA	0.69	0.69	0.93	0.53	0.0002361	0.69	0.84	0.59	0.65	3.937E-10	0.63	0.74	0.94	0.83	2.521E-35
LZT52	Plate 01	D12	84445	NM_032429	GCAUUCUGGAGGAGUUA	1.04	0.88	0.92	0.88	0.378142	0.78	0.56	0.59	0.65	9.933E-10	0.43	0.65	0.66	0.60	6.02E-08
MAB21L2	Plate 01	I07	10586	NM_006439	GCAUUCUGGAGGAGUUA	0.88	0.73	0.82	0.88	0.514486	0.78	0.86	0.83	0.82	0.001342	0.83	0.67	0.79	0.83	0.751819
MAB21L2	Plate 01	J07	10586	NM_006439	GCGUUCUGGAGGAGUUA	1.14	0.87	1.26	1.09	0.002742	1.03	1.19	0.76	0.99	0.21198	0.77	0.91	1.08	0.92	0.9565431
MAB21L2	Plate 01	K07	10586	NM_006439	GCUUUCUGGAGGAGUUA	1.66	0.68	1.31	1.23	1.077E-05	0.97	1.29	1.50	1.26	0.139718	1.26	1.00	1.39	1.21	4.587E-11
MANF	Plate 01	B13	7873	NM_006010	GCAAAAGUUCUGGUGUUA	1.29	0.91	0.99	1.06	0.0090345	0.39	0.51	0.60	0.50	2.103E-20	1.00	0.79	0.63	0.81	0.651461
MANF	Plate 01	C13	7873	NM_006010	UGAAGUUCUCCGAGUUA	1.03	0.81	0.72	0.77	0.346703	1.71	0.85	0.66	0.74	5.102E-08	0.69	0.70	0.78	0.72	0.0434964
MLANA	Plate 01	M15	2315	NM_005511	GAAUUCUUCUGGAGUUA	0.74	0.73	0.66	0.76	0.239E16	0.63	1.59	0.65	0.96	0.0081778	1.03	0.88	1.02	0.96	0.002415
MLANA	Plate 01	N15	2315	NM_005511	CCAAUUCUUCUGGAGUUA	0.81	0.87	1.31	1.00	0.243544	0.68	1.88	1.21	1.25	0.504978	0.71	0.62	1.02	0.78	0.302413
MLANA	Plate 01	O15	2315	NM_005511	ACAAAGUAGCCCAAGUUA	1.03	1.04	0.89	0.99	0.0158574	1.11	0.46	1.01	0.86	0.00038	0.44	0.64	0.53	0.54	4.869E-13
NME9	Plate 01	B17	34736	NM_178130	CAAGACUUGGUGGAGUUA	0.59	0.41	0.76	0.59	4.507E-07	0.78	0.88	0.92	0.86	0.0057113	0.75	0.65	1.10	0.84	0.974608
NME9	Plate 01	C17	34736	NM_178130	UCUUAUCUUCUGGAGUUA	0.65	0.57	0.67	0.65	0.0001742	0.80	0.70	0.75	0.75	1.338E-05	0.61	0.57	0.57	0.58	1.786E-08
NME9	Plate 01	D17	34736	NM_178130	CAUCUUCUUCUGGAGUUA	0.55	0.59	0.71	0.65	0.001892	0.60	0.68	0.92	0.70	0.94	0.62	0.63	0.64	0.65	0.814828
NTM2	Plate 01	M09	84628	NM_032536	GGGAGAAUUCUUAUUA	0.79	0.68	0.97	0.81	0.744885	0.73	0.73	0.85	0.77	4.922E-05	0.73	0.98	0.96	0.89	0.173589
NTM2	Plate 01	N09	84628	NM_032536	GAGAGUUCUUCUGGAGUUA	0.75	0.59	0.77	0.70	0.204092	1.03	1.09	1.11	1.08	0.90974	0.71	0.58	0.70	0.66	0.0004226
NTM2	Plate 01	O09	84628	NM_032536	AGACUUCUGGAGUUA	0.88	0.87	0.94	0.89	0.255199	0.91	1.33	1.19	1.14	0.652017	0.83	0.79	0.85	0.83	0.852962
NUD10	Plate 01	H12	170685	NM_153183	UGGCAUUCUUCUGGAGUUA	1.50	0.52	0.79	0.69	0.0002361	0.52	0.70	0.96	0.76	0.0129231	0.51	0.46	0.30	0.42	4.482E-30
NUD10	Plate 01	F14	170685	NM_153183	GCGAGUUCUUCUGGAGUUA	0.66	0.55	0.69	0.64	0.0002673	0.83	1.04	0.97	0.95	0.0951197	0.80	0.72	0.71	0.74	0.11946
NUD10	Plate 01	G14	170685	NM_153183	GCCGAAUUCUUCUGGAGUUA	1.52	0.73	1.00	1.08	0.0019363	0.77	1.50	1.31	1.19	0.520082	1.34	0.97	1.03	1.11	3.101E-07
NUD10	Plate 01	H14	170685	NM_153183	GCGAAUUCUUCUGGAGUUA	1.23	0.96	1.12	1.10	0.814E-05	0.60	1.48	1.70	1.26	0.52873	0.96	1.10	1.17	1.08	0.3078E-06
OBP2A	Plate 01	I06	29991	NM_014582	AGCCUUCUUCUGGAGUUA	0.54	0.22	0.38	0.38	0.407E-30	0.53	0.64	0.29	0.48	1.348E-23	0.60	0.54	0.39	0.51	3.21E-16
OBP2A	Plate 01	J06	29991	NM_014582	UGGCAUUCUUCUGGAGUUA	1.50	0.52	0.79	0.69	0.0002361	0.52	0.64	0.33	0.65	3.937E-10	0.63	0.74	0.94	0.84	0.6105E-08
OBP2A	Plate 01	K06	29991	NM_014582	AGAAUUCUUCUGGAGUUA	1.03	0.85	1.11	1.00	0.0124552	0.49	0.54	0.65	0.62	5.507E-11	0.77	0.59	0.72	0.69	0.0049004
OBP2A	Plate 01	L06	29991	NM_014582	UUAAGAAUUCUGGAGUUA	0.54	0.64	0.35	0.51	3.855E-12	0.68	0.45	0.38	0.44	2.096E-26	0.85	0.97	0.77	0.86	0.358448
ORR1R	Plate 01	E15	219479	NM_00100474	GGUGGAGUUCUUAUUA	0.99	0.86	0.90	0.92	0.154992	1.03	0.93	0.92	0.95	0.123346	0.94	0.97	0.79	0.90	0.102389
ORR1R	Plate 01	F15	219479	NM_00100474	GCGUUCUUCUGGAGUUA	1.03	0.83	0.94	0.94	0.101449	0.78	0.92	1.03	0.91	0.0153589	0.80	0.85	0.72	0.79	0.58369
ORR1R	Plate 01	G15	219479	NM_00100474	GGUUAUUCUGGAGUUA	0.95	0.78	0.73	0.73	0.0002361	0.91	0.79	0.96	0.86	0.0129231	0.54	0.62	0.73	0.93	0.869857
ORR1R	Plate 01	H15	219479	NM_00100474	GAAGCAGCAUUCUUAUUA	1.05	0.77	0.62	0.81	0.61319	1.00	0.96	0.81	0.82	0.0008286	0.84	1.06	0.80	0.80	0.117293
PEX8	Plate 01	I18	5190	NM_000287	GCCGAGUUCUUAUUA	0.90	0.56	0.59	0.68	0.0041373	1.03	1.60	0.65	1.09	0.481808	0.84	1.06	0.88	0.68	0.000782
PEX8	Plate 01	J18	5190	NM_000287	CAAGGAGUUCUGUUA	0.88	1.02	0.99	0.96	0.036305	1.02	0.87	0.88	0.95	0.100711	0.76	0.95	0.93	0.83	0.212924
PEX8	Plate 01	K18	5190	NM_000287	AGUUCUUCUUAUUA	1.08	0.79	0.93	0.94	0.114042	0.82	0.78	0.77	0.79	0.001891	0.63	0.67	0.83	0.78	0.317949
PEX8	Plate 01	L18	5190	NM_000287	UGGAAUUCUUCUGGAGUUA	0.62	0.67	0.63	0.67	0.503236	0.51	0.62	0.22	0.61	0.029162	0.54	0.62	0.69	0.67	4.401E-11
PHF23	Plate 01	I04	79142	NM_024297	GCAAGAAUUCUGGAGUUA	0.78	0.80	0.70	0.76	0.260604	0.82	1.11	0.59	0.84	0.0008545	0.72	0.61	0.58	0.64	2.43E-05
PHF23	Plate 01	J04	79142	NM_024297	AAAGCGGAGAAUUAUUA	0.82	0.61	0.86	0.76	0.232378	0.55	1.53	0.64	0.91	0.000713	0.88	1.02	1.08	0.99	0.000649
PHF23	Plate 01	K04	79142	NM_024297	CAAAAAGUACCGAGUUA	0.70	0.68	0.74	0.71	0.0357279	0.79	0.89	1.02	0.90	0.023367	0.65	0.73	0.81	0.73	0.058945
PHF23	Plate 01	L04	79142	NM_024297	CUAACUUCUUCUGGAGUUA	1.51	1.20	0.97	1.56	0.1015502	0.41	0.65	1.01	0.69	1.42E-09	1.18	0.67	0.83	0.89	2.8944E-22
POLD1	Plate 01	E03	5424	NM_002691	GCAUUCUUCUGGAGUUA	0.95	0.75	0.87	0.79	0.130588	0.49	0.68	0.32	0.49	0.0002361	0.58	0.44	0.65	0.44	6.412E-28
POLD1	Plate 01	F03	5424	NM_002691	GCAAGAAUUCUGGAGUUA	1.02	0.79	0.80	0.77	0.347439	0.44	0.80	0.61	0.62	3.197E-12	1.12	0.87	0.90	0.96	0.006293
POLD1	Plate 01	G03	5424	NM_002691	GGAGUUCUUCUGGAGUUA	1.08	0.82	1.13	1.01	0.0084915	0.70	0.85	0.72	0.76	1.897E-05	0.87	0.74	0.57	0.53	0.032046
POLD1	Plate 01	H03	5424	NM_002691	CCGACUUCUUCUGGAGUUA	0.81	0.62	0.75	0.60	0.0013956	1.25	0.97	0.32	0.28	0	0.51	0.46	0.47	0.48	4.206E-19
PRN3	Plate 01	I02	5657	NM_002777	UGGCAUUCUUCUGGAGUUA	0.73	0.88	0.81	0.81	0.740317	0.12	0.25	1.37	1.08	0.906742	0.81	0.92	0.87	0.87	0.300105
PRN3	Plate 01	J02	5657	NM_002777	GCAUUCUUCUGGAGUUA	0.92	0.82	0.92	0.85	0.0020944	0.92	2.42	2.61	0.92	0.78571E-11	0.74	0.74	0.74	0.74	0.220222
PRN3	Plate 01	O22	5657	NM_002777	ACAUUCUUCUGGAGUUA	0.41	0.84	0.57	0.60	2.044E-06	0.40	0.31	0.46	0.39	7.247E-34	0.30	0.35	0.40	0.35	0
RAP1A	Plate 01	E12	5906	NM_002884	GAUAGAAUUCUUAUUA	0.86	0.66	0.58	0.70	0.0161088	0.52	0.53	0.74	0.60	7.531E-13	0.73	0.73	0.67	0.70	0.013213
RAP1A	Plate 01	F12	5906	NM_002884	CAUUAUUCUUCUGGAGUUA	0.74	0.72	0.68	0.71	0.485995	0.78	0.83	1.20	0.94	0.0504636	0.95	0.92	0.92	0.93	0.024622
R																				

ABCC5	Plate 02	F11	10057	NM_001023587	UGCGAAGGUGUUGUGAU	0.92	0.88	0.82	0.87	0.635129	0.65	0.80	0.80	0.75	0.9851E-05	0.72	0.95	0.84	0.83	0.704616
ABCC5	Plate 02	G11	10057	NM_001023587	AGAAUGGACCGUUGAGU	1.25	0.99	0.97	1.07	0.0014738	0.91	0.87	0.84	0.87	0.0289115	0.88	0.83	0.81	0.84	0.589666
ABCC5	Plate 02	H11	10057	NM_001023587	GAAGGCGGUGGUGAGUA	0.77	0.77	0.72	0.77	0.0002083	0.76	0.62	0.71	0.71	0.0000000	0.65	0.65	0.64	0.65	0.463E-06
ALB	Plate 02	A10	213	NM_0004477	GACAAUUAUUGGAGUA	0.65	1.18	1.13	1.05	0.0035279	0.96	0.88	0.97	0.87	0.0218914	0.83	0.84	1.02	0.93	0.020946
ALB	Plate 02	B10	213	NM_0004477	GCAAGAAAGGCAUUGUAU	0.24	0.78	0.44	0.49	7.445E-19	0.96	0.47	1.04	0.82	0.0006156	0.33	0.95	0.46	0.58	8.888E-14
ALB	Plate 02	C10	213	NM_0004477	GAUUGAUCUCCAGUAUAC	0.65	0.67	0.60	0.64	0.0001157	0.94	0.76	0.99	0.90	0.0679891	0.56	0.65	0.64	0.62	1.2E-06
ANKS3	Plate 02	D10	213	NM_0004477	GGUGUGUUUUGGUGAGU	0.76	1.13	0.77	0.89	0.647941	1.05	0.75	0.84	0.88	0.0369911	0.74	0.71	0.65	0.70	0.010109
ANKS3	Plate 02	E10	124401	NM_133450	GCGCGAAGUUGGAGUA	0.63	0.87	0.87	0.87	0.0000000	0.92	0.87	0.87	0.87	0.0000000	0.80	0.77	0.80	0.81	4.705E-06
ANKS3	Plate 02	F10	124401	NM_133450	GCGCGAAGUUGGAGUA	1.45	1.03	1.02	1.17	1.972E-05	0.92	0.90	0.78	0.87	0.0293112	1.03	0.70	1.30	1.01	0.0016033
ANKS3	Plate 02	G10	124401	NM_133450	GAAUUGGCAUCCAGCGU	0.88	1.07	0.84	0.93	0.202492	1.07	0.88	0.91	0.83	0.0074478	0.87	0.79	0.86	0.84	0.589273
ANKS3	Plate 02	H10	124401	NM_133450	GCAACGAGCAUCCGCGUA	1.26	1.33	0.88	1.16	3.793E-05	1.16	0.81	0.63	0.87	0.0117686	1.07	1.54	0.88	1.17	1.801E-08
APCD11	Plate 02	A21	147495	NM_153000	GCUCAAAUCCUCCAGUAU	0.72	1.57	1.37	1.22	1.404E-05	-0.69	1.33	-2.20	-0.92	5.305E-16	0.94	3.81	0.45	1.73	4.691E-10
APCD11	Plate 02	B21	147495	NM_153000	GCUCAAAUCCUCCAGUAU	0.61	0.69	1.25	0.95	0.0000000	0.97	0.99	1.12	1.94	0.9592956	0.71	0.97	1.06	0.81	0.5430031
APCD11	Plate 02	C21	147495	NM_153000	CAACUACUCCAGCCGAG	0.77	0.80	0.80	0.79	0.375307	0.76	1.04	1.06	0.95	0.242237	0.96	0.69	0.65	0.70	0.00597978
APCD11	Plate 02	D21	147495	NM_153000	GCCCGAAGUUCUCCAGG	1.09	0.72	0.83	0.78	0.279011	0.88	0.80	1.11	0.93	0.1509999	0.73	0.85	0.65	0.75	1.03452
ARL4D	Plate 02	E07	379	NM_001661	AAGCCAAAGGUGUUGU	0.78	1.06	1.05	1.06	0.0014419	1.11	1.38	0.91	1.14	0.4118999	1.06	1.08	1.28	1.14	1.274E-08
ARL4D	Plate 02	F07	379	NM_001661	AGCGUUUGUUGGAGUA	0.51	0.78	0.62	0.64	1.568E-05	0.89	0.88	1.25	1.00	0.57373	0.77	0.54	0.53	0.62	4.267E-07
ARL4D	Plate 02	G07	379	NM_001661	GCGCGUUGUUGGAGUA	0.75	0.85	0.66	0.71	1.107716	1.15	0.87	1.10	1.04	0.325196	0.58	0.87	0.53	0.66	0.0008111
ARL4D	Plate 02	H07	379	NM_001661	GCGCGUUGUUGGAGUA	0.80	1.08	0.96	0.95	0.153871	0.88	0.86	0.82	0.72	2.628E-06	0.62	0.80	0.56	0.66	0.0001811
BOK	Plate 02	M04	666	NM_032515	GCCCGAGGUCUCCGCA	0.95	1.01	0.82	0.93	0.211142	1.08	1.12	1.29	1.16	0.207529	0.93	0.92	0.85	0.90	0.081463
BOK	Plate 02	N04	666	NM_032515	AGAAUGGAGCGCCUUGA	0.81	0.93	0.82	0.85	0.884478	0.69	0.77	0.80	0.75	0.0001387	0.65	0.44	0.45	0.51	5.233E-16
BOK	Plate 02	O04	666	NM_032515	GAUGGAGUUGUUGGUA	0.92	0.91	0.68	0.84	0.820352	0.63	0.72	1.21	0.85	0.0489793	0.53	0.77	0.71	0.87	0.0004577
BOK	Plate 02	P04	666	NM_032515	GAGAGCGCCCGAGCGUG	0.61	0.69	0.75	0.81	0.0194109	0.96	1.08	1.03	1.01	0.073866	0.67	0.66	0.77	0.70	0.0006281
CABIN1	Plate 02	I20	23523	NM_012295	GAACACAGCCCGAGUAU	0.71	0.89	0.66	0.75	0.0991792	1.08	1.08	1.01	1.06	0.86937	0.79	0.85	0.90	0.85	0.5055
CABIN1	Plate 02	J20	23523	NM_012295	GGAGGAGUUGGUGGCCA	1.16	1.13	1.01	1.10	0.002896	1.29	1.61	1.56	1.49	3.973E-05	1.05	1.08	0.88	0.90	0.0006697
CABIN1	Plate 02	K20	23523	NM_012295	GGAGUUGUUGGUGGCCA	0.61	0.71	0.84	0.72	0.0230408	0.58	0.69	0.71	0.66	7.439E-08	0.53	0.59	0.76	0.93	0.94E-06
CABIN1	Plate 02	L20	23523	NM_012295	GAUGGAGUUGGAGUAU	0.97	0.86	0.82	0.85	0.9367274	1.71	0.83	1.00	0.85	0.0101197	0.53	0.52	0.46	0.50	0.0987156
CARD17	Plate 02	E05	440068	NM_001007232	UGACUUGUUAUUGGAGU	0.50	0.85	0.85	0.87	0.0000000	0.98	0.98	0.97	0.95	0.2598953	0.80	0.92	0.92	0.90	0.0558663
CARD17	Plate 02	F05	440068	NM_001007232	GGUGUUAUUGGAGAGCA	0.37	0.89	1.41	0.89	0.246339	1.41	0.84	0.95	1.07	0.988233	0.61	0.89	1.14	0.88	0.423203
CARD17	Plate 02	G05	440068	NM_001007232	UGACUUAUCCACAGAAU	1.09	1.30	1.32	1.24	1.937E-07	1.45	1.28	1.19	1.31	0.0089199	0.85	1.12	1.19	1.05	2.334E-05
CARD17	Plate 02	H05	440068	NM_001007232	CCACGACUUAAGAGUAU	0.60	0.47	0.46	0.51	2.919E-12	0.53	0.68	0.79	0.67	7.771E-08	0.71	0.59	0.61	0.64	2.473E-05
CDC127	Plate 02	J13	139957	NM_145265	AGAAUUGGAGUUGGUA	0.75	0.97	0.82	0.87	0.0241652	0.76	0.50	0.76	0.50	0.0000000	0.58	0.60	0.51	0.61	0.705E-05
CDC127	Plate 02	B19	139957	NM_145265	UGAAUUAUCCGCGUAU	0.39	0.91	0.62	0.64	4.899E-06	0.84	0.80	0.89	0.85	0.0131815	0.53	0.73	0.59	0.62	1.192E-06
CDC127	Plate 02	C19	139957	NM_145265	GAGCGAAUUGGUAAGA	0.75	0.82	0.74	0.77	0.212265	0.83	0.96	1.04	0.94	0.227307	0.90	0.84	0.84	0.86	0.343707
CDC127	Plate 02	D19	139957	NM_145265	GGAAUUGGAGUUGGUA	0.85	0.79	0.94	0.86	0.807189	0.70	0.82	0.90	1.01	0.0022896	0.85	0.67	0.75	0.76	0.192542
CENPL	Plate 02	I13	91687	NM_033319	GGAAUUGGAGUUGGUA	0.99	0.91	0.80	0.90	0.395434	0.83	1.06	1.10	1.00	0.547178	0.89	0.74	0.65	0.76	0.190448
CENPL	Plate 02	J13	91687	NM_033319	AGAAUUGGAGUUGGUA	0.62	1.05	0.68	0.85	0.1793748	0.65	0.85	0.95	0.75	5.545E-05	0.58	0.90	0.91	0.73	0.010423
CENPL	Plate 02	K13	91687	NM_033319	CAACAAUUGGAGUUGGUA	0.85	1.02	0.77	0.84	0.892291	0.84	1.06	1.00	0.97	0.355384	0.76	0.76	0.71	0.75	0.165581
CENPL	Plate 02	L13	91687	NM_033319	UUAUUGGAGUUGGUAU	0.82	0.90	0.84	0.96	0.10105	1.08	0.93	1.04	1.01	0.760764	0.78	0.81	0.75	0.77	0.389499
CLIC3	Plate 02	M07	9022	NM_004669	GGAGAAAGUUGGAGUAU	0.57	0.70	0.54	0.60	3.085E-06	0.44	0.75	0.92	0.70	0.3022E-07	0.67	0.65	0.59	0.64	2.841E-05
CLIC3	Plate 02	N07	9022	NM_004669	GCAAGUUGGAGUUGGUA	0.68	0.71	0.73	0.71	0.0156211	0.90	0.78	0.81	0.83	0.0074578	0.59	0.62	0.55	0.99	2.502E-08
CLIC3	Plate 02	O07	9022	NM_004669	GCGAGUUGGAGUUGGUA	0.92	0.62	0.57	0.61	0.0000000	0.77	0.70	0.47	0.77	0.0000000	0.58	0.60	0.51	0.77	0.010423
CLIC3	Plate 02	P07	9022	NM_004669	GCGAGUUGGAGUUGGUA	0.71	0.71	0.63	0.68	0.0038117	0.84	0.72	1.13	0.90	0.9501444	0.71	0.70	0.67	0.69	0.0065188
CRYAA	Plate 02	E13	1409	NM_000394	GAAGUUGGAGUUGGUAU	0.87	1.03	1.08	1.00	0.0208023	0.72	0.90	1.04	0.89	0.0440796	0.75	0.64	0.70	0.70	0.0077138
CRYAA	Plate 02	F13	1409	NM_000394	GGAGUUGGAGUUGGUAU	0.79	0.95	0.78	0.84	0.920232	0.93	0.93	0.88	0.85	0.0174225	0.81	1.07	0.95	1.01	0.0020408
CRYAA	Plate 02	G13	1409	NM_000394	GCGAAUUGGAGUUGGUA	0.91	1.12	1.17	1.07	0.0165449	1.93	1.03	1.08	1.34	0.0122591	0.87	1.12	1.10	1.03	8.999E-05
CRYAA	Plate 02	H13	1409	NM_000394	GAAGUUGGAGUUGGUAU	0.78	1.25	1.35	1.27	0.0000000	1.35	1.22	1.15	1.22	0.0000000	0.87	1.08	1.02	0.88	2.716E-07
CXCL3	Plate 02	I06	2921	NM_002090	AUCCAAGUUGGAGUUA	0.88	0.90	0.86	0.88	0.554067	0.61	0.61	0.71	0.64	1.479E-08	0.33	0.22	0.25	0.27	0.0
CXCL3	Plate 02	J06	2921	NM_002090	UCCAAGUUGGAGUUA	0.84	0.94	0.91	0.90	0.403188	1.08	1.10	1.03	1.07	0.754688	0.83	0.80	0.82	0.82	0.940978
CXCL3	Plate 02	K06	2921	NM_002090	GAAUUGGAGUUGGUAU	0.79	0.89	0.71	0.80	0.407881	0.90	1.02	1.08	1.00	0.611418	0.74	0.84	0.82	0.81	0.998866
CXCL3	Plate 02	L06	2921	NM_002090	GAUGGAGUUGGAGUUA	0.72	0.91	0.78	0.80	0.472024	0.88	0.80	0.82	0.83	0.0087448	0.86	0.88	0.95	0.90	0.0987444
CYBASC3	Plate 02	E08	220002	NM_153811	GGAGUUGGAGUUGGUAU	0.81	0.89	0.72	0.87	0.0069862	0.89	0.80	0.72	0.84	0.0000000</					

LXL1L	Plate 02	M03	128077	NM_153713	GAAGGUGACACCAAAUA	0.98	1.01	0.97	0.99	0.0307932	0.81	1.12	1.14	1.03	0.731317	0.81	0.92	1.08	0.93	0.0219693
LXL1L	Plate 02	N03	128077	NM_153713	GUGUUGGUCUUAUUUUG	0.79	0.95	0.77	0.84	0.879066	0.85	1.05	1.28	1.06	0.964438	0.73	0.69	0.63	0.69	0.0028025
LXL1L	Plate 02	N03	128077	NM_153713	CAACGAGGAGGUCGCGG	0.96	0.80	0.61	0.61	0.0502263	0.96	0.94	1.01	1.00	0.982926	0.59	0.69	0.59	0.56	0.0015885
LXL1L	Plate 02	N03	128077	NM_153713	CUIUUAUGUUGCUUAUGCA	0.91	0.78	0.85	0.84	0.969896	0.87	1.05	0.88	0.87	0.910542	0.86	0.57	0.73	0.72	0.0210534
LMN1B1	Plate 02	E04	4001	NM_005573	GAAGGAUUCGUAUCUUAU	0.69	0.62	0.62	0.64	0.0020025	0.72	0.92	0.98	0.87	0.9308244	0.67	0.71	0.69	0.69	0.0051578
LMN1B1	Plate 02	F04	4001	NM_005573	CAACUACGUCUUCUGGAA	0.84	1.25	1.20	1.09	0.0007079	1.19	1.03	1.65	1.29	0.0231076	0.75	0.76	0.92	0.81	0.888347
LMN1B1	Plate 02	G04	4001	NM_005573	GAAGAGGUCUAGGACAU	0.83	1.12	1.13	1.03	0.0101662	1.06	0.97	1.09	1.04	0.97602	0.86	1.00	0.99	0.80	0.0090921
LMN1B1	Plate 02	H04	4001	NM_005573	CCACAAACGUCUUAUUA	0.74	0.74	0.99	1.02	0.0000236	0.99	1.01	0.99	1.01	0.982396	0.62	0.64	0.57	0.60	2.70951-07
LPN2	Plate 02	J22	23266	NM_012302	GAAGGUGGUCUACAAUUG	0.74	0.84	0.92	0.83	0.836122	1.42	0.91	1.57	1.30	0.0223791	0.62	0.62	0.94	0.73	0.0242422
LPN2	Plate 02	J22	23266	NM_012302	GCCAAAGACUUAUUAUUG	0.67	0.74	0.68	0.70	0.0087839	1.07	1.01	1.11	1.06	0.814191	0.83	0.75	0.77	0.78	0.156341
LPN2	Plate 02	K22	23266	NM_012302	GAAGAACGAGGAAUUAUG	0.69	0.80	0.84	0.78	0.244107	1.24	1.05	1.12	1.14	0.319055	0.70	0.74	0.78	0.74	0.105599
LPN2	Plate 02	L22	23266	NM_012302	CCACAAACGUCUUAUUA	0.89	1.06	0.87	0.94	0.148893	1.74	0.85	1.37	0.99	0.291519	0.76	0.66	0.61	0.75	0.0414687
LRRC16B	Plate 02	J07	90668	NM_138360	CAACAAACGUCUUAUUA	0.71	0.98	0.79	0.73	0.0420171	0.82	1.58	1.19	0.99	0.0429599	0.74	0.52	0.56	0.59	0.0223608
LRRC16B	Plate 02	J07	90668	NM_138360	CAACAAACGUCUUAUUA	0.56	0.63	0.53	0.57	1.0827-07	0.56	1.06	0.83	0.82	0.021181	0.78	0.67	0.65	0.70	0.0025676
LRRC16B	Plate 02	K07	90668	NM_138360	AAACGAGCUCUUAUUA	1.07	1.13	0.99	1.06	0.0015403	1.72	1.31	1.58	1.54	7.9955-06	1.12	1.22	1.04	1.13	3.477E-08
LRRC16B	Plate 02	L07	90668	NM_138360	AAACGAGCUCUUAUUA	1.46	0.95	1.01	1.14	0.0010222	0.68	2.68	1.25	1.53	0.0088117	1.11	1.02	1.05	1.06	0.683E-06
MAFG	Plate 02	A18	4097	NM_032711	CGAGGAGCUCUUAUUA	1.14	0.83	1.18	1.05	0.004385	0.54	0.76	0.11	0.47	4.236E-36	0.85	0.50	0.46	0.61	9.706E-09
MAFG	Plate 02	B18	4097	NM_032711	UCGAAUUAUUAUUAUUA	0.55	0.96	0.57	0.62	1.949E-05	0.56	0.57	0.63	0.59	1.726E-11	0.43	0.82	0.47	0.51	1.741E-09
MAFG	Plate 02	C18	4097	NM_032711	UCAGAAACGCGAGCAU	1.06	1.94	2.63	1.88	9.092E-24	1.03	0.53	3.34	1.63	0.0618228	0.87	2.09	1.69	1.55	4.738E-23
MAFG	Plate 02	D18	4097	NM_032711	CCAUUGGACGUGGAAUUA	0.75	0.63	0.79	0.72	0.0311325	0.62	0.99	0.75	0.79	0.0046665	0.77	0.66	0.63	0.69	0.003017
NYFB	Plate 02	A20	4801	NM_006166	GUUACGAGCUCUUAUUA	0.46	0.59	0.69	0.58	1.124E-07	0.33	0.41	0.54	0.43	1.388E-28	0.23	0.24	0.18	0.22	0.0
NYFB	Plate 02	B20	4801	NM_006166	GUUUAUUCUUAUUAUUA	0.69	0.67	0.63	0.73	0.0424118	0.33	0.63	0.73	0.60	0.0070744	0.34	0.61	0.41	0.45	1.401E-25
NYFB	Plate 02	C20	4801	NM_006166	UAAGGUGUCUUAUUAUUA	0.58	0.75	0.54	0.62	1.949E-05	0.78	0.65	1.13	0.85	0.0081338	0.50	0.46	0.33	0.43	1.265E-28
NYFB	Plate 02	D20	4801	NM_006166	GAAGGUGUCUUAUUAUUA	0.49	0.43	0.50	0.47	2.168E-15	0.64	0.84	0.78	0.75	0.0011119	0.23	0.22	0.25	0.23	0.0
OAT	Plate 02	E03	4942	NM_000274	UAAGCUGUUGGUAUUAU	0.64	0.91	0.63	0.73	0.0254894	1.04	0.71	1.52	1.09	0.95054	0.77	0.91	0.65	0.78	0.347843
OAT	Plate 02	F03	4942	NM_000274	GGUAGGAGCUGUUGGUA	0.77	0.87	0.86	0.83	0.862373	0.96	1.02	0.86	0.95	0.252379	0.92	0.74	0.67	0.78	0.352213
OAT	Plate 02	G03	4942	NM_000274	CCAUUUAUUAUUAUUAU	0.69	0.99	0.71	0.66	0.0080952	0.80	0.61	0.71	0.73	1.524E-05	0.95	0.51	0.62	0.56	1.561E-10
OAT	Plate 02	H03	4942	NM_000274	GCCAUUUAUUAUUAUUA	0.69	0.71	0.52	0.63	0.075E-05	0.62	0.71	0.62	0.62	0.075E-05	0.61	0.68	0.52	0.68	2.265E-08
OR2	Plate 02	E18	26707	NM_030905	GUAGUUCUUAUUAUUAU	0.93	0.99	0.93	0.95	0.101661	0.93	0.78	0.98	0.90	0.0710614	0.67	0.75	0.65	0.69	0.00473
OR2	Plate 02	F18	26707	NM_030905	CAGAAGUUAUUAUUAUUA	0.74	0.75	0.66	0.72	0.0249919	0.75	0.80	0.96	0.83	0.0086524	0.91	0.63	0.73	0.80	0.0036492
OR2	Plate 02	G18	26707	NM_030905	UAUUCUUAUUAUUAUUA	0.79	0.69	0.71	0.73	0.0465866	0.59	0.96	0.76	0.77	0.0012291	0.70	0.76	0.73	0.69	0.0036492
OR2	Plate 02	H18	26707	NM_030905	CCAUUUAUUAUUAUUAU	1.21	0.92	1.04	1.04	0.0257333	0.82	0.97	1.04	0.92	0.0423398	1.02	1.04	0.92	0.94	0.0073466
ORS2E2	Plate 02	M05	119678	NM_001005164	GAAGGAGCUCUUAUUAU	1.06	0.67	1.00	0.81	0.433838	0.91	1.22	0.98	1.04	0.884471	0.81	0.53	0.64	0.66	0.001143
ORS2E2	Plate 02	N05	119678	NM_001005164	GUCUUAUUAUUAUUAUUA	0.73	0.90	0.73	0.79	0.312258	1.60	0.89	0.39	0.96	0.0056441	0.78	0.68	0.65	0.70	0.017905
ORS2E2	Plate 02	O05	119678	NM_001005164	GCAUUAUUAUUAUUAUUA	0.54	0.48	0.52	0.51	9.98E-12	0.52	0.75	0.71	0.66	4.233E-08	0.21	0.18	0.18	0.19	0.0
ORS2E2	Plate 02	P05	119678	NM_001005164	CCAUUAUUAUUAUUAUUA	0.89	0.81	0.87	0.85	0.828988	0.24	0.58	0.59	0.47	1.685E-24	1.00	0.69	0.77	0.82	0.949196
PAQR7	Plate 02	J04	164091	NM_178422	ACCAUUAUUAUUAUUAU	0.72	0.98	0.79	0.73	0.0420171	0.82	1.58	1.19	0.99	0.0429599	0.74	0.52	0.56	0.59	0.0223608
PAQR7	Plate 02	K04	164091	NM_178422	UAACGAGCUCUUAUUAU	0.78	0.85	0.82	0.82	0.66143	1.33	0.75	1.23	1.10	0.747655	0.47	0.56	0.60	0.54	3.754E-12
PAQR7	Plate 02	L04	164091	NM_178422	CCACAGGAGCUCUUAUUA	0.77	0.90	0.61	0.76	0.112489	0.68	0.82	0.87	0.79	0.0009841	0.82	0.73	0.68	0.75	0.114975
PAQR7	Plate 02	M04	164091	NM_178422	GUACAGGACCAUUAUUAU	0.61	0.78	0.74	0.71	0.0154283	0.84	0.84	0.96	0.93	0.176137	0.57	0.79	0.74	0.70	0.006892
PARF2	Plate 02	E22	10038	NM_001042618	AAGGAGCUCUUAUUAUUA	0.47	0.80	0.54	0.60	7.867E-07	0.82	0.89	0.72	0.81	0.0204891	0.76	1.02	0.69	0.82	0.978627
PARF2	Plate 02	F22	10038	NM_001042618	CCAUUUAUUAUUAUUAU	0.76	0.92	0.70	0.59	0.355871	0.92	0.92	0.99	0.91	0.0423398	0.90	0.80	0.80	0.83	0.6941
PARF2	Plate 02	G22	10038	NM_001042618	GCCAGGAGCUCUUAUUAU	0.51	0.77	0.79	0.79	0.374923	0.73	0.88	0.68	0.76	0.0002125	0.66	0.81	0.62	0.63	1.361E-05
PARF2	Plate 02	H22	10038	NM_001042618	ACAUUUAUUAUUAUUAU	0.87	0.61	0.71	0.63	0.262E-05	0.84	1.00	0.83	0.89	0.0598833	0.85	0.61	0.62	0.84	0.524668
PATE1	Plate 02	M19	160065	NM_138294	GAUCGUGCUCUUAUUAU	0.72	0.69	0.76	0.72	0.035453	0.72	0.95	1.00	0.86	0.0179692	0.54	0.55	0.59	0.59	2.065E-10
PATE1	Plate 02	N19	160065	NM_138294	GAAGGAGCUCUUAUUAU	0.74	1.15	0.85	0.91	0.386248	1.02	1.02	0.98	0.93	0.136753	0.69	0.77	0.62	0.69	0.0054901
PATE1	Plate 02	P19	160065	NM_138294	GCCAUUUAUUAUUAUUAU	0.79	0.79	0.82	0.81	0.059117	0.97	1.17	1.05	0.91	0.714163	0.90	0.75	0.62	0.82	0.0271322
PATE1	Plate 02	M19	160065	NM_138294	GAUUGGAGCUCUUAUUAU	0.69	0.82	0.93	0.81	0.557142	0.89	0.74	1.04	0.89	0.051168	0.54	0.52	0.63	0.56	2.928E-10
PITHD1	Plate 02	M15	57095	NM_020362	GAUAGGAGCUCUUAUUAU	0.78	0.85	0.89	0.84	0.949153	0.70	0.85	0.79	0.78	0.0006308	0.74	0.78	0.84	0.78	0.508492
PITHD1	Plate 02	N15	57095	NM_020362	GGUUAUUAUUAUUAUUAU	0.45	0.85	0.74	0.68	0.0008283	0.52	0.59	0.63	0.58	0.300612	0.33	0.44	0.51	0.43	2.67E-29
PITHD1	Plate 02	G15	57095	NM_020362	CCAUUUAUUAUUAUUAU	0.74	0.72	0.71	0.88	0.709429	0.56	0.98	0.52	1.45	0.509E-07	0.95	0.65	0.80	0.88	0.010491
PITHD1	Plate 02	P15	57095	NM_020362	GACGAGGAGCUCUUAUUAU	0.78	0.77	0.89	0.83	0.902816	0.63	0.69	0.62	0.62	0.002816	0.67	0.64	0.66	0.64	0.000854
PKMYT1	Plate 02	J11	9088	NM_004203	GUUAAGGUCUUAUUAUUA	1.03	0.88	0.63	0.75	0.0740097	1.08	0.61	0.73	0.80	0.0008721	0.68	0.82	0.57	0.69	0.0028856
PKMYT1	Plate 02	K11	9088	NM_004203	CCACGAGCUCUUAUUAU	0.73	1.04	0.78	0.95	0.12726	1.14	0.77	1.33	1.08	0.897162	1.02	0.83	0.70	0.85	0.579121
PKMYT1	Plate 02	L11	9088	NM_004203	GCGGAGCUCUUAUUAUUA	0.79	0.81	0.84	0.81	0.624238	1.21	0.79	1.01	1.00	0.546084	0.87	0.67	0.64	0.71	0.0029287
PKMYT1	Plate 02	M11	9088	NM_004203	ACGAGGAGCUCUUAUUAU	0.81	0.91	0.83	0.84	0.896588	1.02	1.05	0.96	1.01	0.714163	0.90	0.75	0.62	0.82	0.0271322
PNMA5	Plate 02	M08	114824	NM_001103151	GAUAGGAGCUCUUAUUAU	0.78	0.73	0.89	0.72	0.027392	0.92	0.92	0.99	0.78	0.0703232	0.69	0.74	0.77	0.77	0.00703232

TRAF7	Plate 02	L05	84231	NM_032271	AGACCACCGUGAGACUUG	0.79	1.08	1.06	0.98	0.0592018	0.73	0.86	0.76	0.78	0.0007802	0.46	0.60	0.58	0.54	6.46E-12
TRAF7	Plate 02	A13	55223	NM_018207	CUACAAUCGUGUAGACACUUG	0.57	0.77	1.16	0.84	0.0349863	0.66	0.80	0.64	0.70	2.54E-06	0.29	0.41	0.52	0.41	1.504E-34
TRAF7	Plate 02	C13	55223	NM_018207	GAUACACAGUCGUGUAGACUUG	0.52	0.62	0.94	0.67	0.0456073	0.62	0.73	0.58	0.62	0.0041161	0.32	0.45	0.56	0.54	1.852E-36
TRAF7	Plate 02	E13	55223	NM_018207	UCCGACAGUCGUGUAGACUUG	0.77	0.79	1.04	0.90	0.4652905	0.68	0.83	1.08	0.96	0.330138	0.74	0.76	0.66	0.72	0.0357786
TRAF7	Plate 02	D10	55223	NM_018207	CGCCAAAGCGUGUAGACUUG	0.78	0.87	0.66	0.77	0.185776	0.71	0.97	0.63	0.77	0.0019114	0.73	0.81	0.71	0.75	0.161239
TRP4	Plate 02	E10	59341	NM_021625	GCACACCGCGUAGACUUG	0.59	0.48	0.69	0.59	3.203E-07	0.70	0.90	0.91	0.84	0.0081978	0.79	0.87	0.93	0.87	0.322028
TRP4	Plate 02	F10	59341	NM_021625	GACCAAAUCGUGUAGACUUG	1.13	1.28	1.15	1.19	3.02E-06	1.31	1.27	1.06	1.21	0.0622859	1.29	1.34	1.11	1.25	5.27E-13
TRP4	Plate 02	H10	59341	NM_021625	CGCCGCGUAGUAGUAGUUG	0.93	0.69	1.17	0.82	0.0022014	1.20	0.94	1.10	0.84	0.0041161	0.84	1.11	0.79	0.84	0.0205590
TRP4	Plate 02	I10	59341	NM_021625	GAAACCGUGUGUAGACUUG	0.96	0.88	0.82	0.89	0.5035448	1.05	0.95	1.21	1.07	0.795638	0.90	0.94	0.76	0.87	0.300607
UBL3	Plate 02	J09	5412	NM_007106	GAGAGUAAUUGUGUUGUUA	0.83	0.49	0.57	0.63	1.485E-05	0.50	0.66	0.69	0.62	4.284E-10	0.64	0.65	0.41	0.67	1.493E-05
UBL3	Plate 02	K09	5412	NM_007106	CCAAUUAUUCUAGCAGUUA	0.83	0.80	0.76	0.80	0.436491	0.55	0.63	0.61	0.60	6.429E-11	0.75	0.70	0.72	0.72	0.0459107
UBL3	Plate 02	A09	5412	NM_007106	CGCCGCGUAGUAGUAGUUG	0.85	0.80	0.69	0.77	0.266986	0.96	1.06	1.19	1.07	0.785778	0.79	0.66	0.58	0.68	0.010732
UBL3	Plate 02	J09	5412	NM_007106	CGCCGCGUAGUAGUAGUUG	0.66	0.67	0.76	0.67	0.0368983	0.61	0.67	0.67	0.61	0.0233366	0.61	0.69	0.76	0.73	0.0085959
UGT2B4	Plate 02	A05	7363	NM_021139	CGCCAAUCUAGUUAUUAUUA	0.65	0.74	0.66	0.68	0.0037003	0.65	1.07	0.96	0.90	0.0404031	0.71	0.83	0.75	0.76	0.207336
UGT2B4	Plate 02	B05	7363	NM_021139	UAAGAGAUGGCGAGAACUUA	1.25	1.42	0.99	1.22	8.645E-07	0.90	0.65	1.35	0.97	0.163044	0.78	0.67	0.55	0.67	0.000383
UGT2B4	Plate 02	C05	7363	NM_021139	GUACAGAAAUCUAGUUGUA	0.63	0.74	0.63	0.67	0.0011528	0.80	0.73	0.87	0.73	2.273E-05	0.71	0.78	0.70	0.73	0.063873
UGT2B4	Plate 02	D05	7363	NM_021139	GGGAACCCACUAGUAGUUG	0.83	1.07	0.77	0.89	0.514594	0.85	0.89	1.09	0.94	0.219927	0.78	0.90	0.80	0.82	0.802943
USP9	Plate 02	A22	84640	NM_032557	CGAAUAGUAGUAGUAGUUG	0.59	0.89	1.10	0.69	0.0261104	0.41	0.70	1.54	0.88	0.0020541	1.00	1.23	0.79	1.05	3.157E-08
USP9	Plate 02	B22	84640	NM_032557	GGAGACAGUUAUUAUUAUUA	0.71	0.83	0.75	0.76	0.166433	0.86	0.76	0.93	0.85	0.0157068	0.78	0.76	0.74	0.76	0.249415
USP9	Plate 02	C22	84640	NM_032557	GUCCGAAGUUAUUAUUAUUA	0.91	0.81	0.57	0.76	0.106229	1.06	0.80	0.85	0.74	4.094E-05	0.82	0.59	0.65	0.69	0.0023659
USP9	Plate 02	D22	84640	NM_032557	GCAAUAGUAGUAGUAGUUG	0.70	0.78	0.84	0.76	0.182418	1.08	0.97	0.97	1.00	0.62774	0.71	0.73	0.84	0.76	0.23224
XKRY2	Plate 02	I08	35315	NM_00102906	GACUUAUCGUGUAGUUGUUA	0.50	0.79	0.76	0.81	0.641394	0.85	0.96	0.75	0.85	0.0130663	1.02	0.93	0.91	0.95	0.007181
XKRY2	Plate 02	J08	35315	NM_00102906	CGACUUAUCGUGUAGUUGUUA	0.64	0.91	0.67	0.74	0.0508498	0.61	0.94	0.92	0.82	0.0029562	0.73	0.53	0.67	0.61	0.001688
XKRY2	Plate 02	L08	35315	NM_00102906	GGUUAUUGUAGUUGUUGUUA	0.81	0.89	0.80	0.84	0.866349	1.16	1.07	1.27	1.04	0.722903	0.87	1.01	0.88	0.92	0.039204
ZNF367	Plate 02	E12	195828	NM_153695	GAGAAUCGUGUAGUUGUUG	0.84	1.20	0.83	0.95	0.125763	0.93	0.67	0.92	0.84	0.0081899	0.66	0.74	0.75	0.72	0.0296824
ZNF367	Plate 02	F12	195828	NM_153695	GCACAAUCGUGUAGUUGUUG	1.40	1.00	0.74	0.85	0.0002111	1.28	1.11	1.20	1.20	0.101368	1.61	1.30	0.82	1.04	4.526E-11
ZNF367	Plate 02	G12	195828	NM_153695	GAUUAUCGUGUAGUUGUUG	0.96	0.76	0.83	0.83	0.946352	0.76	0.57	0.78	0.84	0.0104649	0.51	0.76	0.69	0.60	0.001387
ZNF367	Plate 02	H12	195828	NM_153695	CGAAUUAUCGUGUAGUUGUUG	0.92	1.11	0.71	0.91	0.380391	0.77	0.78	0.91	0.82	0.0046527	0.64	0.64	0.54	0.60	4.758E-07
ZNF596	Plate 02	I17	169270	NM_173539	GAAUUAUCGUGUAGUUGUUG	0.77	0.90	0.84	0.84	0.89947	1.23	0.71	0.90	0.95	0.154745	0.70	0.70	0.75	0.76	0.18416
ZNF596	Plate 02	J17	169270	NM_173539	GAUUAUCGUGUAGUUGUUG	0.79	1.20	1.02	1.00	0.0283533	0.83	0.97	0.91	0.90	0.0194193	0.69	0.88	0.87	0.81	0.922343
ZNF596	Plate 02	K17	169270	NM_173539	GAUUAUCGUGUAGUUGUUG	0.67	0.92	0.92	0.76	8.22E-06	1.47	1.47	1.07	1.52	0.293366	0.74	0.64	0.79	0.64	1.98E-09
ZNF596	Plate 02	L17	169270	NM_173539	CGACUUAUCGUGUAGUUGUUG	0.60	0.55	0.78	0.64	0.0010167	0.60	0.80	0.65	0.68	5.295E-07	0.62	0.55	0.68	0.60	5.11E-08
AXTZL1	Plate 03	M17	64850	NM_031279	GAAGAAGCCACAUAGUUA	0.81	0.80	1.01	0.87	0.533744	0.95	0.78	0.83	0.85	0.0515599	0.62	0.81	0.57	0.67	0.001526
AXTZL1	Plate 03	N17	64850	NM_031279	GAUUAUCGUGUAGUUGUUG	0.81	0.88	0.93	0.87	0.490605	1.21	0.77	1.04	1.01	0.869979	0.75	0.93	1.04	0.91	0.138786
AXTZL1	Plate 03	O17	64850	NM_031279	GCUUUGGUGUAGUUGUUGUUG	0.77	0.97	1.06	0.93	0.139756	1.79	0.83	0.78	0.80	0.0074749	0.76	0.82	0.83	0.81	0.668727
ANO10	Plate 03	P19	54129	NM_018075	GUAUUAUCGUGUAGUUGUUG	0.56	0.79	0.92	0.78	0.0261104	0.55	0.89	1.09	0.92	0.0763631	0.76	0.89	0.76	0.74	0.0453975
ANO10	Plate 03	E06	55129	NM_018075	GACUUAUCGUGUAGUUGUUG	0.72	0.99	1.11	0.94	0.136523	0.81	0.56	0.83	0.74	0.000105	0.68	0.60	0.86	0.71	0.00843
ANO10	Plate 03	F06	55129	NM_018075	GAUUAUCGUGUAGUUGUUG	0.79	0.92	1.17	0.76	0.22553	0.98	0.90	0.99	0.95	0.5668	0.74	0.72	0.75	0.74	0.0581365
ANO10	Plate 03	G06	55129	NM_018075	GAUUAUCGUGUAGUUGUUG	0.90	0.75	0.61	0.75	0.135058	0.78	0.67	0.77	0.74	0.0020298	0.65	0.67	0.54	0.62	9.5E-07
ANO10	Plate 03	H06	55129	NM_018075	GACUUAUCGUGUAGUUGUUG	0.83	0.83	3.51	1.72	4.388E-11	0.97	0.80	1.61	1.13	0.403818	1.07	1.02	1.36	1.15	2.978E-06
ADP6	Plate 03	I19	363	NM_001652	CGCUGUAGUAGUUGUAGUUG	0.67	0.72	0.99	0.68	0.0021102	0.68	0.68	0.92	0.70	0.02766	0.66	0.69	0.66	0.60	0.001387
ADP6	Plate 03	F19	363	NM_001652	CCACGACUUCUCCUCCUGU	0.87	0.51	2.16	1.18	0.0180582	0.67	1.21	1.26	1.05	0.955111	1.17	0.81	2.75	1.58	2.32E-18
ADP6	Plate 03	G19	363	NM_001652	GACGAGCCUUCUCCUCCUGU	0.59	0.70	0.70	0.66	0.0018731	1.07	0.95	0.88	0.97	0.632738	0.46	0.62	0.52	0.54	6.55E-14
ADP6	Plate 03	H19	363	NM_001652	CCUUAUCGUGUAGUUGUUG	0.70	0.95	2.92	1.52	2.284E-08	1.84	1.36	1.52	1.51	1.955E-06	1.13	1.14	1.26	1.18	1.397E-09
C22orf15	Plate 03	I19	150248	NM_182520	CGCCGACUUAUCGUGUUGUUG	0.69	1.00	1.05	0.92	0.277233	0.89	0.76	0.94	0.87	0.0683534	0.75	1.17	0.77	0.89	0.27908
C22orf15	Plate 03	J19	150248	NM_182520	GACUUAUCGUGUAGUUGUUG	0.68	0.68	0.96	0.68	0.0021102	0.68	0.68	0.92	0.83	0.225E-12	0.87	0.68	0.64	0.68	0.001387
C22orf15	Plate 03	K19	150248	NM_182520	GACGAAAGCCUUAUCUUA	0.85	0.60	2.15	1.20	0.0028984	0.48	0.82	0.43	0.88	2.25E-12	0.87	0.25	0.89	0.67	1.908E-09
C22orf15	Plate 03	L19	150248	NM_182520	ACAACUGGAGGAGGAGUUG	0.75	0.72	0.64	0.70	0.0217695	1.13	0.75	0.90	0.93	0.26921	0.68	0.64	0.67	0.0003204	
C2orf69	Plate 03	M16	205327	NM_153695	CGAGUUAUCGUGUAGUUGUUG	0.83	0.83	3.35	1.66	5.322E-10	0.88	0.74	0.88	0.83	0.0258852	0.87	0.97	1.53	1.15	1.463E-07
C2orf69	Plate 03	N16	205327	NM_153695	CGACAAUCGUGUAGUUGUUG	0.83	0.87	0.76	0.86	0.735752	0.56	0.73	1.10	0.79	0.0146693	0.58	0.74	0.56	0.83	1.799E-06
C2orf69	Plate 03	O16	205327	NM_153695	GCAUUAUCGUGUAGUUGUUG	1.02	1.02	0.98	1.02	0.00198	1.45	0.78	0.88	1.02	0.0104649	0.68	0.76	0.39	0.60	7.630E-10
C2orf69	Plate 03	P16	205327	NM_153695	GGAAGCAUUAUCGUGUUGUUG	0.77</														

GLIPR1L2	Plate 03	O19	144321	NM_152436	GGACGUAGAUUUAUAC	0.77	0.85	0.76	0.80	0.52798	1.03	1.03	1.21	1.09	0.346342	0.83	0.85	0.81	0.83	0.892881
GLIPR1L2	Plate 03	P19	144321	NM_152436	GGGUCUACUUGCCGUCA	0.76	0.73	1.06	0.85	0.898291	0.19	0.41	0.54	0.44	4.3725-22	0.28	0.34	0.28	0.30	0
GLIS2	Plate 03	H18	84662	NM_032575	GAAGGUCUUGCCGUCA	0.55	0.57	0.15	0.50	0.57	0.57	0.15	0.15	0.57	0.15	0.75	0.75	0.75	0.75	0.75
GLIS2	Plate 03	N18	84662	NM_032575	CAACUUGUUGCCGUCA	0.64	0.64	0.70	0.59	1.1835-06	0.35	1.00	0.80	1.08	0.184899	0.40	0.73	0.39	0.51	2.006-19
GLIS2	Plate 03	O18	84662	NM_032575	CCGAAAGGUAUGCCGUCA	0.79	0.79	1.32	0.97	0.0942699	0.87	0.79	1.03	0.93	0.312268	0.66	0.90	0.93	0.83	0.954126
GLIS2	Plate 03	P18	84662	NM_032575	GGUCUUGGUAUGCCGUCA	0.75	0.82	0.94	0.84	0.955755	0.87	0.83	1.04	0.91	0.243913	0.60	0.81	0.51	0.64	4.151E-06
GNAT1	Plate 03	E16	2779	NM_000172	GGAGUUGCCGUAGUUAU	0.77	0.89	0.66	0.78	0.314172	0.64	0.66	1.09	0.80	0.0202153	0.88	1.00	0.82	0.90	0.14482
GNAT1	Plate 03	F16	2779	NM_000172	GAAGUUGCCGUAGUUAU	0.75	0.75	0.79	0.77	0.202043	0.75	0.75	0.75	0.75	0.07283	0.88	0.88	0.88	0.88	0.081478
GNAT1	Plate 03	G16	2779	NM_000172	GAAGUUGCCGUAGUUAU	0.65	0.61	1.09	0.78	0.202043	0.75	0.75	0.75	0.75	0.07283	0.88	1.00	0.82	0.90	0.374E-05
GNAT1	Plate 03	H16	2779	NM_000172	GCACGAGCCGCAAGGAAU	0.49	0.63	0.78	0.63	0.788E-05	1.01	0.93	0.94	0.96	0.596752	0.86	0.88	0.57	0.88	0.006521
GPC3	Plate 03	E10	2719	NM_004484	CCAGUUGCAGUAGAAUUA	0.87	0.89	1.05	0.94	0.106734	1.04	0.77	0.96	0.92	0.283146	1.01	0.91	1.14	1.02	0.003521
GPC3	Plate 03	F10	2719	NM_004484	UGGUGGAGUUGCAAGUA	0.86	0.70	3.34	1.63	0.9245-09	0.75	1.11	0.74	0.87	0.0519409	1.05	0.79	1.49	1.11	0.468E-06
GPC3	Plate 03	G10	2719	NM_004484	GCAGUUAUGGCAAGUUA	0.49	0.49	0.69	0.65	0.0203484	0.75	0.75	0.75	0.75	0.0203484	0.75	0.75	0.75	0.75	0.97E-19
GPC3	Plate 03	H10	2719	NM_004484	GGUCAGAUUGCAAGUUA	0.70	0.69	0.72	0.67	0.0234569	0.74	1.02	0.75	0.84	0.0228505	0.70	0.62	0.83	0.71	0.0130209
GPC6	Plate 03	E22	10082	NM_005708	CAGCAAGCCGAGUACUUG	0.81	0.71	0.70	0.74	0.110168	0.65	0.64	0.85	0.71	3.704E-05	0.58	0.50	0.55	0.54	1.29E-12
GPC6	Plate 03	F22	10082	NM_005708	CGAUGAUUGCAGAUUUC	0.69	0.74	0.77	0.73	0.088113	0.89	0.86	0.83	0.86	0.0883316	0.78	0.96	0.84	0.86	0.497211
GPC6	Plate 03	G22	10082	NM_005708	GAUUAUGUUGCCGUAGU	0.86	1.09	3.23	1.73	2.8E-14	1.18	1.44	1.51	1.38	0.0020491	0.87	1.32	1.00	1.06	4.244E-05
GPC6	Plate 03	H22	10082	NM_005708	CAGUUAUGUUGCCGUAGU	0.57	0.91	1.40	1.00	0.004229	0.82	0.82	1.35	1.00	0.574328	0.77	0.82	0.77	0.83	0.19458
GPR3	Plate 03	I11	2827	NM_005281	UUUAUCCACUCCAGAA	0.97	1.15	2.11	1.41	1.981E-11	1.12	1.03	0.66	0.94	0.28646	1.14	1.21	1.28	1.12	6.448E-11
GPR3	Plate 03	J11	2827	NM_005281	CCACUUCUUAACCUUUA	0.78	0.67	0.65	0.70	0.0176373	0.93	1.05	0.96	0.98	0.789895	0.79	0.49	0.53	0.61	1.38E-08
GPR3	Plate 03	K11	2827	NM_005281	ACCUGUACUUCUUCUGUA	0.81	0.74	0.88	0.81	0.716493	0.65	0.49	0.94	0.70	1.761E-06	0.71	0.86	0.95	0.84	0.828228
GPR3	Plate 03	L11	2827	NM_005281	ACAUUGCCUUCUUCUUAU	0.67	0.75	1.77	1.06	0.0430398	0.69	0.76	0.95	0.83	0.326466	0.62	0.65	1.83	0.4	0.113733
GSK3B	Plate 03	M06	2932	NM_002093	GAGAAAGUAGGUGUUAU	0.58	0.83	0.39	0.60	3.755E-07	0.51	0.37	0.97	0.62	1.92E-11	0.68	0.86	0.43	0.66	6.131E-06
GSK3B	Plate 03	N06	2932	NM_002093	GGACCAGUAGUCCAAUA	0.88	0.86	0.74	0.83	0.928641	0.89	1.31	1.28	1.16	0.12512	0.76	0.96	0.82	0.85	0.692975
GSK3B	Plate 03	O06	2932	NM_002093	GAUGAGGUUAUUCUUAU	0.54	0.64	0.47	0.55	0.343E-09	0.72	0.97	0.73	0.81	0.0072025	0.67	0.86	0.73	0.77	0.231903
GSK3B	Plate 03	P06	2932	NM_002093	GGCAAGUUGUUAACAGCA	0.76	0.67	0.74	0.72	0.057499	0.47	0.50	0.82	0.60	7.518E-11	0.42	0.64	0.48	0.51	9.965E-17
HEFH	Plate 03	F07	9843	NM_014799	CCAGUUAUGUUAAGUUA	0.76	0.61	0.66	0.68	0.036545	1.01	0.65	0.81	0.82	0.0354644	0.78	0.83	0.91	0.81	0.83981
HEFH	Plate 03	G07	9843	NM_014799	CCUUGUUGUUAUUAUUA	0.69	0.69	0.57	0.67	0.182E-07	0.61	0.61	0.82	0.77	0.0102E-07	0.61	0.70	0.63	0.61	0.54E-07
HEFH	Plate 03	H07	9843	NM_014799	GGUUAUGUUAUUAUUAU	0.66	0.69	0.53	0.63	0.839E-05	0.82	0.86	0.91	0.86	0.0745678	0.79	0.79	0.71	0.76	0.149898
HEFH	Plate 03	L07	9843	NM_014799	CUUAUGGAAUGUUGUUA	0.97	0.78	0.72	0.76	0.20387	0.89	1.05	1.02	0.99	0.819485	1.71	0.83	0.91	0.82	0.821261
HMB3	Plate 03	I10	3149	NM_005342	CAGUUAUGUUGUUAUUA	0.92	0.72	1.53	1.05	0.088022	1.24	0.93	1.12	1.10	0.334412	1.17	0.78	0.85	0.94	0.0617258
HMB3	Plate 03	J10	3149	NM_005342	GAUUAUGUUGUUAUUAU	0.76	0.81	0.76	0.83	0.295844	0.81	0.78	0.83	0.81	0.0354644	0.63	0.89	0.83	0.89	0.232929
HMB3	Plate 03	K10	3149	NM_005342	GAUUAUGUUGUUAUUAU	0.74	0.81	0.79	0.78	0.382027	1.01	1.02	0.85	0.96	0.574402	0.68	0.78	0.67	0.71	0.014635
HMB3	Plate 03	L10	3149	NM_005342	GGUUAUGGAGAGGAGUUA	0.57	0.74	0.79	0.70	0.013857	0.67	0.58	0.96	0.73	0.95E-05	0.66	0.68	0.50	0.58	1.066E-09
HNRNPUL1	Plate 03	A16	11100	NM_007040	CGCAAGUUGUUAUUAUUA	0.38	0.48	0.52	0.45	4.774E-17	0.29	0.44	0.46	0.45	3.308E-21	0.31	0.28	0.29	0.30	0
HNRNPUL1	Plate 03	B16	11100	NM_007040	GGGAAGUUGUUAUUAUUA	1.04	1.28	2.76	1.69	1.9E-17	2.49	0.63	0.69	1.21	0.943E-06	1.58	1.62	1.15	1.45	4.105E-21
HNRNPUL1	Plate 03	C16	11100	NM_007040	GGUUAUGUUGUUAUUAUUA	0.96	1.01	1.96	1.59	0.246934	0.78	1.22	1.09	1.03	0.9137221	0.82	0.99	0.91	0.77	3.658E-10
HNRNPUL1	Plate 03	D16	11100	NM_007040	CGCAUUAUUGUUAUUAU	0.65	0.61	0.62	0.62	0.0001181	1.00	0.79	0.94	0.94	0.40328	0.68	0.79	0.71	0.73	0.030561
HPX	Plate 03	I20	3263	NM_000613	CAAUUGGACCGGAGUUA	0.76	0.63	0.67	0.68	0.0084256	1.00	0.81	0.86	0.89	0.1440999	0.59	0.84	0.63	0.69	0.000869
HPX	Plate 03	J20	3263	NM_000613	GGCAAAUGUUGUUAUUAU	0.69	0.98	1.00	0.89	0.440455	0.99	0.91	0.83	0.91	0.237111	0.70	0.61	0.66	0.66	0.001064
HPX	Plate 03	K20	3263	NM_000613	GGUUAUGUUGUUAUUAUUA	0.59	0.75	0.59	0.64	0.0030498	0.64	0.81	0.89	0.78	0.0207175	0.65	0.82	0.47	0.65	5.539E-06
HPX	Plate 03	L20	3263	NM_000613	GGUUAUGUUGUUAUUAUUA	0.39	0.81	0.72	0.59	0.246934	0.78	1.22	1.09	1.03	0.9137221	0.82	0.99	0.91	0.77	0.115558
HTR3E	Plate 03	I18	285242	NM_182589	GAGGUGUUGUUAUUAUUA	0.80	0.79	0.61	0.73	0.072338	1.02	0.87	1.13	1.01	0.978903	0.95	0.95	0.86	0.92	0.061279
HTR3E	Plate 03	J18	285242	NM_182589	CAAAAGGUCUUAUUAUUA	0.60	0.41	0.48	0.49	6.11E-13	0.44	0.63	0.66	0.58	1.896E-11	0.48	0.57	0.42	0.49	3.199E-19
HTR3E	Plate 03	K18	285242	NM_182589	GGCAUUGGAAAGGAGUUA	0.69	0.67	1.09	0.82	0.567383	0.77	1.07	1.01	0.95	0.446073	1.29	0.88	1.10	1.09	4.907E-06
HTR3E	Plate 03	L18	285242	NM_182589	GGAGGAGUUGUUAUUAUUA	0.81	0.73	0.77	0.77	0.030573	1.02	0.86	0.94	0.94	0.424931	0.53	0.65	0.88	0.62	8.491E-07
IOCA1	Plate 03	G21	79781	NM_024726	GAAGGAGUUGUUAUUAUUA	0.86	0.86	0.66	0.86	0.001459	0.68	0.68	0.76	0.68	0.001459	0.68	0.68	0.68	0.68	0.001459
IOCA1	Plate 03	H21	79781	NM_024726	GAAGGAGUUGUUAUUAUUA	0.80	0.76	0.84	0.80	0.609654	0.87	0.88	1.05	0.83	0.369314	0.85	0.83	0.85	0.84	0.683193
IOCA1	Plate 03	I21	79781	NM_024726	GGCAAGUUGUUAUUAUUA	0.60	0.60	0.49	0.56	0.608E-08	0.76	0.76	0.99	0.84	0.0232364	0.49	0.61	0.50	0.54	7.887E-14
IOCA1	Plate 03	J21	79781	NM_024726	CGGUAUGUUGUUAUUAUUA	0.58	0.53	0.46	0.53	1.828E-10	0.72	0.71	0.72	0.71	5.755E-05	0.57	0.74	0.75	0.69	0.0012828
IRX2	Plate 03	B07	153572	NM_033267	GGUUAUGUUGUUAUUAUUA	1.04	0.74	0.59	0.79	0.294002	0.92	0.89	1.06	0.95	0.505853	0.57	0.56	0.57	0.57	0.299E-10
IRX2	Plate 03	C07	153572	NM_033267	GGUUAUGUUGUUAUUAUUA	1.23	1.16	2.46	1.61	1.829E-16	0.96	0.82	2.31	0.99	0.082196	0.61	0.74	1.18	0.97	0.789409
IRX2	Plate 03	D07	153572	NM_033267	GGUUAUGUUGUUAUUAUUA	0.56	0.42	0.74	0.71	0.0030215	0.62	0.72	0.99	0.78	0.0015584	0.84	0.54	0.65	0.66	9.78E-05
IRX2	Plate 03	E07	153572	NM_033267	AGAGCAAGGAGGAGUUAU	0.94	0.61	0.67	0.61	1.408E-05	0.34	0.34	0.28	0.32	0.4	0.16	0.14	0.17	0.15	0
KIF3A	Plate 03	A13	11127	NM_007054	AAACAAGUUGUUAUUAUUA	0.45	0.68	0.44	0.53	4.141E-11	0.63	0.42	0.55	0.53	2.687E-14	0.41	0.39	0.37	0.39	4.484E-37
KIF3A	Plate 03	B13	11127	NM_007054	UAUUAUGUUGUUAUUAUUA	0.82	0.79	0.67	0.83	0.351633	0.93	0.73	0.88	0.84	0.038822	1.04	0.88	0.84	0.86	0.0103663
KIF3A	Plate 03	C13	11127	NM_007054	CAACAAGUUGUUAUUAUUA	0.72	0.65	0.82	0.65	0.012592	1.10	0.79	0.84	0.83	0.2140594	0.65	0.81	0.79	0.82	0.904618
KIF3A	Plate 03	D13	11127	NM_007054	GCAGUUAUGUUAUUAUUAU															

RAB4B	Plate 03	B19	53916	NM_016154	AGAAUAGGUGUAGUUCU	0.80	0.77	1.00	0.86	0.726997	0.76	1.03	1.61	1.13	0.384592	0.84	0.78	0.97	0.86	0.460713
RAB4B	Plate 03	C19	53916	NM_016154	UGGUUUGGGGACGACGAA	0.84	0.82	0.87	0.84	0.826142	0.89	1.12	1.12	1.04	0.694313	0.86	0.88	0.90	0.88	0.252838
RAB4B	Plate 03	E19	53916	NM_016154	UGGACGAGGUGUAGUUCU	0.36	0.46	0.29	0.72	0.395516	0.57	0.30	0.29	0.54	0.286220	0.29	0.24	0.34	0.24	0.142771
RAD9A	Plate 03	F08	5883	NM_004584	UACGACAAUCUGUAGUUA	0.81	0.26	0.29	0.29	0.0	0.15	0.15	0.15	0.15	0.15	0.15	0.11	0.17	0.14	0.0
RAD9A	Plate 03	F08	5883	NM_004584	GACAUUGACUUCUAGUA	0.19	0.19	0.18	0.19	0.0	0.20	0.14	0.13	0.16	0.0	0.15	0.12	0.18	0.15	0.0
RAD9A	Plate 03	H08	5883	NM_004584	GAAACACCUAUGAGCAU	0.77	0.42	0.59	0.59	0.524247	0.20	0.74	0.41	0.67	0.624E-08	0.90	0.60	0.69	0.73	0.021334
RAD9A	Plate 03	H08	5883	NM_004584	CGACUUGACUUCUACAG	0.27	0.30	0.38	0.32	0.0	0.32	0.36	0.31	0.33	0.0	0.23	0.20	0.27	0.23	0.0
RASSF7	Plate 03	F07	8045	NM_003475	UGGACGAGGUGUAGUUCU	0.45	0.45	1.76	0.83	0.0312841	1.45	0.70	0.64	0.64	0.64	0.46	0.47	0.47	0.71	1.41427
RASSF7	Plate 03	F07	8045	NM_003475	GAAAGGCGUUCUAGUUGU	0.83	0.88	0.79	0.83	0.962586	0.07	0.98	0.10	1.03	0.73501	0.89	0.95	0.84	0.93	0.017134
RASSF7	Plate 03	G07	8045	NM_003475	CGCCAGUCCGCAUGCAU	0.97	0.93	0.98	0.96	0.405688	0.04	0.84	0.99	0.87	0.073185	0.94	0.92	1.23	1.03	0.002623
RASSF7	Plate 03	H07	8045	NM_003475	CACGAGGCGAGGUGUUGA	0.51	0.51	0.77	0.60	1.702E-06	1.07	0.99	0.77	0.95	0.442807	0.42	0.72	0.82	0.65	4.2E-06
RNASEH2C	Plate 03	E11	84153	NM_032193	CGACUUGACUUCUACAG	0.89	0.81	1.18	0.96	0.068979	0.64	0.61	0.96	0.74	9.756E-05	0.73	0.77	0.76	0.75	0.129589
RNASEH2C	Plate 03	E11	84153	NM_032193	UGGACGAGGUGUAGUUCU	0.71	0.71	0.68	0.68	0.013214	1.45	0.70	0.64	0.64	0.64	0.46	0.47	0.47	0.54	0.203039
RNASEH2C	Plate 03	G11	84153	NM_032193	CAAGUUGCGGUGGCGUUA	1.06	0.89	1.14	1.03	0.003842	1.08	1.24	0.96	1.10	0.343036	0.19	0.74	1.33	1.19	8.505E-10
RNASEH2C	Plate 03	H11	84153	NM_032193	CGCGAGGUGUUCACGCA	0.98	0.92	0.54	0.81	0.46596	1.16	0.81	1.07	1.01	9.985052	1.11	1.10	0.78	1.00	0.002429
ROMO1	Plate 03	A15	140823	NM_080748	GGGAAACCAUGAGGACGA	0.78	0.91	0.61	0.77	0.205929	0.05	0.95	1.00	1.00	0.960417	0.87	0.99	0.78	0.88	0.29256
ROMO1	Plate 03	B15	140823	NM_080748	CGACUUGACUUCUACAG	1.01	0.95	0.84	0.93	0.115637	0.94	0.36	0.81	0.97	2.813E-13	0.90	0.83	0.50	0.74	0.027265
ROMO1	Plate 03	C15	140823	NM_080748	UGGACGAGGUGUAGUUCU	1.18	0.68	1.00	0.81	0.120418	1.11	0.85	0.84	0.93	0.340288	0.81	0.83	0.96	0.87	0.403341
ROMO1	Plate 03	D15	140823	NM_080748	CAGCCCAUGUACUUAUAA	0.78	0.77	0.80	0.78	0.429903	0.50	0.83	1.05	0.93	0.320019	0.79	0.65	0.95	0.79	0.454709
SERPINA6	Plate 03	M14	866	NM_001756	CAUCAAGGUGUUCUAA	0.97	0.88	0.96	0.94	0.091280	0.80	0.52	0.77	0.70	6.375E-06	1.10	0.68	0.90	0.90	0.264614
SERPINA6	Plate 03	N14	866	NM_001756	GCAAAUUGUCACGCGUA	0.77	0.78	1.68	1.07	0.0131072	0.32	0.75	0.93	0.67	2.978E-09	0.41	0.76	1.06	0.74	0.001832
SERPINA6	Plate 03	O14	866	NM_001756	CGACUUGACUUCUACAG	0.56	0.56	1.29	0.81	0.181309	1.52	0.44	0.65	0.97	0.009169	0.69	0.49	1.21	0.83	0.356044
SERPINA6	Plate 03	P14	866	NM_001756	UACGACAAUCUGUAGUUA	0.73	0.69	0.67	0.70	0.160226	0.82	0.68	1.06	0.89	0.0098291	0.66	0.68	0.90	0.78	0.247436
SETDB1	Plate 03	IO4	9869	NM_012432	GACUUGACUUCUACAG	0.62	1.00	0.90	0.84	0.915456	1.09	0.91	1.74	1.25	0.0352874	0.59	0.88	0.84	0.77	0.161975
SETDB1	Plate 03	JO4	9869	NM_012432	CGACGAGGUGUUCUUGU	0.99	0.81	1.05	0.95	0.076225	0.84	0.84	0.88	0.85	0.057957	0.77	0.61	0.82	0.74	0.0354185
SETDB1	Plate 03	K04	9869	NM_012432	AAGAUGGUGUUCUUGU	0.79	0.81	0.68	0.78	0.331078	0.79	1.12	1.00	0.97	0.602495	0.65	0.97	0.84	0.82	0.768744
SETDB1	Plate 03	L04	9869	NM_012432	CGACGAGGUGUUCUUGU	0.56	0.63	0.83	0.83	0.0020295	0.65	0.74	0.86	0.75	0.0004502	0.80	0.77	0.74	0.73	0.032686
STK16	Plate 03	E03	8576	NM_001008910	CAGGUGUUCUUCUUGUUA	1.07	0.65	0.78	0.81	0.586469	1.08	1.12	1.28	1.06	0.021028	0.56	0.67	0.82	0.82	2.02E-20
STK16	Plate 03	F03	8576	NM_001008910	CGACUUGACUUCUACAG	0.67	0.80	1.57	0.98	0.302006	0.67	0.91	0.95	0.84	0.0822816	0.47	0.73	0.67	0.63	0.4884E-07
STK16	Plate 03	G03	8576	NM_001008910	GGUUGGUGUUCUUGUUA	0.70	0.83	0.78	0.77	0.290719	0.78	0.90	0.80	0.83	0.0210387	0.82	0.94	0.93	0.90	0.155445
STK16	Plate 03	H03	8576	NM_001008910	UGGACGAGGUGUAGUUCU	0.46	0.43	0.39	0.43	0.203E-20	0.41	0.22	0.33	0.32	0.0	0.19	0.29	0.13	0.20	0.0
TAS2R19	Plate 03	I15	25294	NM_176888	CGACUUGACUUCUACAG	0.25	0.30	0.79	0.67	0.779725	0.78	0.67	0.76	0.89	0.021028	0.76	0.84	0.86	0.82	0.231E-05
TAS2R19	Plate 03	K08	25294	NM_176888	UACGACAAUCUGUAGUUA	0.60	0.63	0.95	0.73	0.0340509	0.63	0.87	0.97	0.82	0.0116488	0.51	0.73	0.83	0.69	0.0007994
TAS2R19	Plate 03	L08	25294	NM_176888	UGGUGUACACACGAAAG	0.78	0.76	0.65	0.73	0.0722611	0.85	1.04	1.02	0.97	0.655204	0.65	0.73	0.68	0.89	0.018847
TLE1	Plate 03	IO6	7088	NM_005077	GACGAGGUGUUCUUGU	0.73	0.68	0.97	0.80	0.435629	1.02	1.02	1.85	0.86	0.0585281	1.00	0.82	1.09	0.97	0.007381
TLE1	Plate 03	JO6	7088	NM_005077	CGACGAGGUGUUCUUGU	0.79	0.95	2.36	1.37	2.35E-07	1.51	0.82	1.54	1.29	0.0123177	0.88	0.87	1.39	1.05	0.002505
TLE1	Plate 03	K06	7088	NM_005077	GCAAAUUGUCACGCGUA	0.50	0.81	0.60	0.77	0.2232064	0.74	0.66	1.03	0.81	0.006145	0.81	0.89	0.53	0.74	0.036131
TTC12	Plate 03	A20	54970	NM_017868	GAAAGAGACUUCGCUUA	0.57	0.44	0.50	0.50	4.407E-12	0.64	0.51	0.77	0.64	4.589E-08	0.32	0.29	0.34	0.31	0.0
TTC12	Plate 03	B20	54970	NM_017868	UCUUGAGGUGUUCUUA	0.74	0.83	0.85	0.81	0.681862	0.96	0.96	1.08	1.01	0.981778	0.90	0.95	0.96	0.97	0.0058424
TTC12	Plate 03	C20	54970	NM_017868	CAAGGAGGUGUUCUUGU	0.93	0.70	0.87	0.84	0.969566	0.96	0.98	1.04	1.00	0.901014	0.83	0.75	0.74	0.77	0.276535
TTC12	Plate 03	D20	54970	NM_017868	CAGGUGUUCUUCUUGUUA	0.57	0.11	1.11	0.93	0.003748	0.53	0.91	0.91	0.91	1.16	0.87	0.79	0.82	0.79	0.50892
Y1F1B	Plate 03	M10	90522	NM_001039671	CGACGAGGUGUUCUUGU	0.68	0.62	1.90	1.06	0.12228	1.29	0.43	0.93	0.89	0.0082468	1.28	0.93	1.68	1.30	4.51E-13
Y1F1B	Plate 03	N10	90522	NM_001039671	UACCAAGCUCUUAUUA	0.84	0.99	0.81	0.84	0.450969	0.98	0.88	1.01	0.96	0.056238	0.83	0.99	0.89	0.90	0.125049
Y1F1B	Plate 03	O10	90522	NM_001039671	GACUUGACUUCUACAG	0.28	0.79	0.92	0.84	0.1545028	2.53	0.05	0.65	1.08	6.99E-23	0.42	0.70	0.92	0.88	3.98E-05
Y1F1B	Plate 03	P10	90522	NM_001039671	CAAAUUGUCACGCGUA	0.74	0.79	0.43	0.66	0.0001781	1.48	2.14	0.80	1.48	0.0003107	0.80	0.70	0.81	0.71	0.035065
ZNF324	Plate 03	A21	25799	NM_014347	CAGGUGUUCUUCUUGUUA	0.41	0.41	1.22	0.81	0.586469	1.13	1.28	1.18	1.22	0.18	0.72	0.72	0.72	0.72	0.03172
ZNF324	Plate 03	B21	25799	NM_014347	CAGGUGUUCUUCUUGUUA	0.74	0.78	0.83	0.78	0.422134	0.72	0.77	1.07	0.85	0.0362840	0.91	0.91	0.97	0.93	0.038081
ZNF324	Plate 03	C21	25799	NM_014347	CGCCAGGUGUUCUUGUUA	0.53	1.20	4.29	2.01	9.23E-13	1.02	1.96	1.28	2.42	4.888E-17	0.99	1.13	0.78	0.96	0.0112182
ZNF324	Plate 03	D21	25799	NM_014347	CGACUUGACUUCUACAG	0.98	0.43	2.17	1.19	0.0315554	-8.44	1.50	0.99	-1.98	0.0565969	0.96	0.48	0.59	0.68	4.51E-05
ZNF41	Plate 03	I15	7592	NM_007130	CGACUUGACUUCUACAG	0.57	0.69	0.52	0.61	0.3467079	1.14	0.92	0.88	0.96	0.2726237	1.27	0.66	1.55	1.16	0.398E-06
ZNF41	Plate 03	J15	7592	NM_007130	GAGGUGUUCUUCUUGUUA	0.82	0.56	0.62	0.62	0.003216	0.68	0.76	0.85	0.75	0.000216	0.67	0.87	0.50	0.87	0.0011101
ZNF41	Plate 03	K15	7592	NM_007130	CAGUUGUUCUUCUUGUUA	0.62	0.71	0.69	0.67	0.0039257	1.00	0.90	0.86	0.92	0.295274	0.57	0.89	0.75	0.74	0.029786
ZNF41	Plate 03	L15	7592	NM_007130	GAAAGACGACUUAUUA	0.68	0.69	0.72	0.70	0.0164712	0.69	0.97	0.93	0.86	0.0570389	0.82	0.81	0.75	0.80	0.519474
ZNF674	Plate 03	A22	641339	NM_001039891	AAUUAUCUUCUUCUUA	0.99	1.08	0.67	0.68	0.0077337	1.07	1.07	1.25	1.10	0.325417	0.78	0.88	0.69	0.77	0.191385
ZNF674	Plate 03	B22	641339	NM_001039891	CGACUUGACUUCUACAG	0.76	0.79	0.62	0.76	0.4783048	0.63	0.88	1.03	0.84	0.4783048	0.66	0.84	0.86	0.83	0.948599
ZNF674	Plate 03	C22	641339	NM_001039891	ACAAUUGACUUCUUA	0.59	0.63	1.39	1.14	3.30E-05	0.99	0.70	0.87	0.88	0.12042	1.19	0.87	0.90	0.99	0.003265
ZNF674	Plate 03	D22	641339	NM_001039891	CUUGAGGUGUUCUUA	0.53	0.72	0.79	0.68	0.0035184	0.67	0.57	0.93	0.73	3.994E-05	0.50	0.69	0.74	0.64	9.167E-06
ZNF709	Plate 03	M08	163051	NM_152601	GAAAGAGGUGUAGUUCU	0.77	0.88	2.03	1.23	5.93E-05	1									

EXOS04	Plate 04	E12	54512	NM_019037	CUAUGGACUUGCAUAUA	0.58	0.52	0.43	0.51	1.586E-11	0.98	0.83	0.80	0.87	0.421444	0.76	0.71	0.77	0.75	0.41444
EXOS04	Plate 04	H12	54512	NM_019037	CUAUGGACUUGGUAU	0.84	0.70	0.73	0.79	0.458694	1.02	0.96	0.95	0.88	0.548124	0.66	0.59	0.66	0.64	0.0003985
EXOS04	Plate 04	H12	54512	NM_019037	CAGCCAGCUGUUGCAU	0.89	0.60	0.65	0.71	0.680521	1.08	1.08	1.09	0.87	0.643233	0.70	0.65	0.67	0.70	0.043323
EXOS04	Plate 04	H12	54512	NM_019037	COCACAGCUGUUGAAGCA	0.80	0.85	0.81	1.15	0.0004889	1.42	1.20	0.97	1.20	0.042413	1.30	0.85	1.15	1.10	3.295E-08
FBA1	Plate 04	M03	8263	NM_012151	GGUACGUCUACCCACGAA	0.98	0.77	0.63	0.79	0.419295	0.99	0.76	0.69	0.81	0.0907205	0.57	0.55	0.47	0.53	2.144E-11
FBA1	Plate 04	M03	8263	NM_012151	GCAACAAGCUAAGAAAGCG	0.71	0.84	0.64	0.73	0.0702293	-24.18	-0.56	0.42	-8.11	2.08E-08	0.55	1.13	1.11	0.83	0.0393744
FBA1	Plate 04	O03	8263	NM_012151	GAGUUGGGCCUUGGUUA	0.60	0.65	0.57	0.65	0.000715	1.02	0.63	0.72	0.69	0.000443	0.70	0.68	0.60	0.66	0.0023543
FBA1	Plate 04	O03	8263	NM_012151	GGAGCUCUUGCCUUGCA	1.24	1.01	1.14	0.71	0.000036	1.01	0.73	0.53	0.61	0.000036	-0.01	0.4	0.6	0.51	1.481E-08
FAMZL7	Plate 04	I10	284123	NM_203392	CACAGAAGGUCUGUUAU	0.70	0.55	0.57	0.57	3.007E-07	1.02	0.78	0.55	0.75	0.8101878	0.37	0.37	0.41	0.38	4.826E-34
FAMZL7	Plate 04	J10	284123	NM_203392	CAACAGCCUUGCUAUGU	0.67	0.70	0.72	0.70	0.0177856	1.41	0.48	0.70	0.86	0.0402462	0.48	0.64	0.69	0.60	3.991E-06
FAMZL7	Plate 04	K10	284123	NM_203392	ACACACGUAUACUUGU	0.71	0.71	0.72	0.71	0.0413089	1.74	0.52	1.04	0.77	0.0066397	0.43	0.53	0.50	0.56	2.13E-09
FAMZL7	Plate 04	L10	284123	NM_203392	GGAGCUCUUGCCUUGCA	1.35	0.89	0.62	0.95	0.213881	0.71	1.11	0.76	0.86	0.258811	0.81	0.64	1.28	0.91	0.05982
FAMZL7	Plate 04	M10	284123	NM_203392	CGUAGGUGGUCUUGUA	0.59	0.67	0.68	0.59	0.545419	0.93	0.61	0.76	0.71	0.000036	0.66	0.59	0.55	0.59	0.0251138
FOXD4L6	Plate 04	B15	653404	NM_001085476	CGUUGGAGCAACACGAA	0.60	0.94	0.63	0.79	0.410283	0.77	0.55	0.72	0.72	0.0005655	0.81	0.74	0.71	0.67	0.0677639
FOXD4L6	Plate 04	B15	653404	NM_001085476	UCACUACUACUUGUUA	0.62	0.75	0.57	0.71	0.0782629	0.67	0.80	0.75	0.74	0.0070034	0.84	0.69	0.91	0.90	0.019233
FOXD4L6	Plate 04	C15	653404	NM_001085476	CAAGAACUUGUUGCAU	0.64	0.57	0.58	0.59	6.638E-06	0.52	0.75	1.10	0.79	0.0146374	0.89	0.69	0.77	0.72	0.129822
GABR2	Plate 04	M10	2570	NM_002043	AAAGUUGUCUACUUGU	0.60	0.88	0.52	0.66	0.0014789	0.72	0.57	0.55	0.61	6.888E-07	0.38	0.51	0.38	0.42	2.25E-29
GABR2	Plate 04	M10	2570	NM_002043	GGACUUGCUCUACUUG	0.95	0.81	0.89	0.95	0.3899044	1.18	0.93	1.11	1.07	0.0969777	0.75	0.78	0.71	0.77	0.650763
GABR2	Plate 04	O10	2570	NM_002043	GAAGUUCUUGCUAUGU	0.65	0.81	0.42	0.63	1.682E-05	0.47	0.98	0.61	0.69	0.4955E-05	0.47	0.65	0.61	0.58	8.137E-08
GABR2	Plate 04	P10	2570	NM_002043	GAUGGAGCUCUACUUGU	0.78	0.89	0.92	0.86	0.662145	1.08	0.93	1.10	1.04	0.201743	0.80	0.84	0.92	0.85	0.150318
GALN2	Plate 04	A16	2570	NM_004481	GGUUGGUAUUAUGUAU	0.88	0.89	0.57	0.78	0.273539	0.94	0.92	0.57	0.81	0.0580554	0.97	0.99	0.68	0.88	0.8003345
GALN2	Plate 04	B16	2569	NM_004481	GCACUUGUCUUGCCGAA	0.61	0.91	0.54	0.55	2.724E-08	0.69	0.49	0.48	0.85	3.386E-10	0.44	0.44	0.78	0.56	5.504E-11
GALN2	Plate 04	C16	2569	NM_004481	GUJAGAAGUUCUUGUA	0.95	0.57	0.65	0.62	6.795E-06	0.94	0.77	0.94	0.88	0.529491	0.72	0.66	0.81	0.73	0.211378
GALN2	Plate 04	D16	2569	NM_004481	GGAGAAGCAGUACUUGA	1.35	1.13	-0.56	0.64	5.087E-06	1.38	1.14	1.23	1.25	0.0005034	1.14	0.66	1.12	0.98	0.000966
GPX1	Plate 04	A03	2876	NM_000581	GAUGGAGCUCUACUUGA	0.74	0.77	0.61	0.71	0.0252146	1.00	0.88	1.08	0.98	0.493447	0.90	0.88	0.80	0.86	0.114652
GPX1	Plate 04	B03	2876	NM_000581	UGAUUCCUACUAGUUA	0.78	0.72	0.45	0.65	0.000221	1.89	0.63	0.41	0.97	0.051962	0.92	0.59	0.83	0.78	0.712175
GPX1	Plate 04	C03	2876	NM_000581	GGAGUUGGUAAGUUAU	1.29	0.59	0.27	0.71	3.513E-06	0.95	1.24	0.80	0.96	0.660572	1.06	0.66	0.98	0.90	0.0428531
GPX1	Plate 04	D03	2876	NM_000581	CACACAGCUCUUGCAU	-18.05	1.49	-1.19	0.54	1.336E-06	1.24	0.68	0.68	1.24	0.0347867	0.66	0.54	1.15	0.43	0.194848
HAGH	Plate 04	A10	3029	NM_005326	GGACCAUUGUUGCGUAU	0.45	0.68	0.49	0.54	1.221E-09	0.75	0.82	0.50	0.69	0.0001177	0.55	0.56	0.54	0.55	1.866E-09
HAGH	Plate 04	B10	3029	NM_005326	GGACCAUUGUUGCUUG	0.86	0.71	0.78	0.78	0.424075	0.98	0.76	0.73	0.83	0.0141523	0.86	0.71	0.70	0.75	0.512121
HAGH	Plate 04	C10	3029	NM_005326	GAGCUUGGUAUGUUAU	31.81	0.52	0.25	10.86	1.196E-19	0.98	0.91	0.77	0.89	0.55533	0.66	0.48	0.71	2.62	1.216E-18
HAGH	Plate 04	D10	3029	NM_005326	GGUUGGUAUGUUAU	0.59	0.59	0.49	0.51	7.68E-07	0.93	0.84	0.83	0.82	0.006134	0.54	0.62	0.62	0.62	0.001513
HOBX5	Plate 04	M16	3215	NM_002147	GCUCUUGCCUACUUAU	1.52	0.62	-0.18	0.65	0.0694033	0.63	1.55	0.76	0.98	0.773912	0.73	0.79	1.04	0.85	1.205396
HOBX5	Plate 04	N16	3215	NM_002147	UGAGAAGUUCACUACAG	0.94	0.84	0.66	0.81	0.697908	0.40	1.17	0.68	0.75	0.0003006	0.57	0.74	0.76	0.66	0.018646
HOBX5	Plate 04	O16	3215	NM_002147	GGUUAUCCCGUACAGCA	0.88	0.66	0.68	0.67	0.004232	0.89	0.68	0.68	0.75	0.0091995	0.33	0.47	0.51	0.44	1.693E-24
HOBX5	Plate 04	P16	3215	NM_002147	GACUUAUUGUAGUAGCA	0.59	0.59	0.51	0.56	1.119E-07	0.83	0.66	1.15	0.88	0.351712	0.74	0.78	0.65	0.72	0.26996
IL17R2	Plate 04	M17	84818	NM_032732	GGUUGGUAUGUUAU	0.64	0.89	0.75	0.72	0.0373355	0.98	0.26	0.40	0.30	0.000102	0.22	0.21	0.20	0.21	0.70
IL17R2	Plate 04	N17	84818	NM_032732	GCUCUUGCCUACUUAU	0.60	0.73	0.67	0.67	0.0026031	1.01	0.52	0.72	0.75	0.0033131	0.74	0.86	0.92	0.84	0.258633
IL17R2	Plate 04	O17	84818	NM_032732	GCUAUUGGAGUAGUUGU	0.91	0.83	0.81	0.85	0.730523	1.12	0.96	0.92	1.00	0.399771	0.72	0.74	0.65	0.70	0.064386
IL17R2	Plate 04	P17	84818	NM_032732	GACCCAGUACUUAUUAU	0.47	0.74	0.27	0.49	2.152E-16	1.17	0.43	1.10	0.90	0.149725	0.17	0.81	0.66	0.75	0.384893
INS-IGF2	Plate 04	A08	723961	NM_001042376	CCAGUUGGUAUGUUAU	0.50	0.64	0.64	0.59	3.259E-06	0.83	0.60	0.51	0.65	6.762E-06	0.26	0.23	0.31	0.27	0
INS-IGF2	Plate 04	B08	723961	NM_001042376	GGUUGGUAUGUUAU	0.75	0.78	0.93	0.73	0.0001355	0.85	0.80	0.40	0.80	0.0001355	0.64	0.68	0.64	0.68	0.0026865
INS-IGF2	Plate 04	C08	723961	NM_001042376	GGUUGGUAUGUUAU	0.48	0.42	-0.34	0.19	3.079E-12	0.84	0.47	0.89	0.70	0.0001963	0.66	0.68	0.65	0.73	0.21711
INS-IGF2	Plate 04	D08	723961	NM_001042376	CCUUAAGACUUAUAAAA	0.83	0.72	0.72	0.76	0.206492	0.73	0.78	0.91	0.84	0.232219	0.83	0.68	0.85	0.72	0.127938
IP04	Plate 04	I22	79711	NM_024658	GAUUAUUGGUAUGUUAU	0.69	0.63	0.51	0.61	1.773E-05	1.02	0.83	0.93	0.93	0.956207	0.64	0.57	0.60	0.60	8.517E-06
IP04	Plate 04	J22	79711	NM_024658	AGUACAGGUGGUCGUAU	0.83	0.83	0.80	0.82	0.894491	0.65	0.72	0.77	0.71	0.0017697	0.37	0.36	0.48	0.40	3.074E-30
IP04	Plate 04	K22	79711	NM_024658	GCUCUUGGUAUGUUAU	0.73	0.73	0.73	0.73	0.0001719	1.00	0.73	0.64	0.73	0.0001719	0.64	0.68	0.64	0.68	0.0001719
IP04	Plate 04	L22	79711	NM_024658	AUGGAGCAGCUCGGGAU	0.46	0.43	0.42	0.44	1.748E-18	1.02	0.78	0.78	0.86	0.321993	0.49	0.51	0.51	0.50	5.553E-14
JPZH	Plate 04	I06	57158	NM_175913	GGGGCAGCUCGAAUUAU	0.96	0.81	0.91	0.89	0.312948	1.00	1.05	1.04	1.00	0.414166	0.51	0.54	0.86	0.64	6.218E-05
JPZH	Plate 04	J06	57158	NM_175913	AAGCAGGUGGUCGAAU	1.82	1.09	0.73	1.21	1.87E-05	1.10	1.22	0.59	0.97	0.973832	0.51	0.96	0.88	0.78	0.547175
JPZH	Plate 04	K06	57158	NM_175913	GGAGUUGGUAUGUUAU	0.86	0.86	0.86	0.86	3.829E-07	0.96	0.92	0.73	0.87	0.407786	0.80	0.59	0.67	0.62	6.435E-05
JPZH	Plate 04	L06	57158	NM_175913	UAGGAGCAGCUCGAAU	0.85	0.79	0.71	0.76	0.0131212	0.94	0.68	0.68	0.64	0.0001312	0.68	0.68	0.68	0.68	0.0119386
KLHL17	Plate 04	M14	339451	NM_198317	GAACGUGGUAUGUUAU	0.79	0.67	0.55	0.67	0.0020307	0.77	0.70	0.97	0.81	0.0961334	0.76	0.75	0.68	0.73	0.225159
KLHL17	Plate 04	N14	339451	NM_198317	GAAUCGUGGUAUGUUAU	1.20	0.90	0.85	0.99	0.0279523	0.40	0.54	0.47	0.47	5.365E-16	0.15	0.41	0.56	0.38	0
KLHL17	Plate 04	O14	339451	NM_198317	GCAUUAUUGUAGUUAU	0.93	0.69	0.93	0.85	0.817352	0.54	0.54	0.35	0.44	0.326E-19	0.39	0.27	0.41	0.45	2.30E-07
KLHL17	Plate 04	P14	339451	NM_198317	UCAGUUGGUAUGUUAU	3.95	0.62	0.66	0.58	6.624E-07	1.55	0.62	0.95	0.71	0.0005125	0.45	0.49	0.49	0.48	0.005078
KRT31	Plate 04	A11	3881	NM_002277	GGUUGGUAUGUUAU	0.75	0.60	0.69	0.67	0.085164	0.62	0.68	0.68	0.55	0.0171	0.67	0.71	0.70	0.70	0.280817
KRT31	Plate 04	B11	3881	NM_002277	UGAUUCC															

SEZE	Plate 04	L13	124925	NM_00108935	UGGAGAGGACAGCGCAU	0.36	0.39	0.28	0.34	3.743E-34	0.31	1.07	0.51	0.63	1.077E-09	0.29	0.50	0.67	0.49	1.344E-19	
SLC17A1	Plate 04	I05	6568	NM_005074	CAAGAGGAGGACAGCGCAU	0.89	0.73	0.75	0.79	0.487048	1.13	0.58	1.04	0.92	0.534200	0.79	0.75	0.45	0.67	0.0008004	
SLC17A1	Plate 04	I05	6568	NM_005074	CAAGAGGAGGACAGCGCAU	0.89	0.73	0.75	0.79	0.487048	1.13	0.58	1.04	0.92	0.534200	0.79	0.75	0.45	0.67	0.0008004	
SLC17A1	Plate 04	I05	6568	NM_005074	CGUUAUUGGUGCCGGAUA	0.81	0.61	0.55	0.67	0.0011515	0.52	0.65	0.94	0.70	0.0002932	0.82	0.78	0.75	0.78	0.999274	
SLC30A8	Plate 04	L17	169026	NM_173851	GAACGUUUCUGUUAUAUGA	0.80	0.58	0.57	0.65	0.0004004	0.54	0.79	1.04	0.92	0.860205	0.57	0.66	0.36	0.53	7.294E-13	
SLC30A8	Plate 04	L17	169026	NM_173851	GGAGGAAUUGUUCUAAGAA	0.76	0.78	0.76	0.81	0.739999	1.04	0.78	0.92	0.92	0.790799	0.93	0.80	0.85	0.60	0.117445	
SLC30A8	Plate 04	L17	169026	NM_173851	GGAGGAAUUGUUCUAAGAA	0.76	0.78	0.76	0.81	0.739999	1.04	0.78	0.92	0.92	0.790799	0.93	0.80	0.85	0.60	0.117445	
SLC30A8	Plate 04	L17	169026	NM_173851	GGGUAUAAAAGAAAGCGCA	0.89	0.91	0.74	0.87	0.145263	0.92	0.66	1.00	0.86	0.281947	0.58	0.87	0.71	0.72	0.0075688	
SLC35B4	Plate 04	E16	84912	NM_032826	GAAGGAAGCCACAGCAUUA	2.58	1.00	0.13	1.23	0.0163506	1.08	1.17	0.82	1.62	0.305674	1.70	0.80	1.00	1.17	3.424E-09	
SLC35B4	Plate 04	E16	84912	NM_032826	GUACAGGUUUCUUCUAGAA	0.95	0.82	0.75	0.84	0.893837	1.04	0.82	1.12	0.89	0.526638	1.08	0.92	0.89	0.96	0.0052229	
SLC35B4	Plate 04	G16	84912	NM_032826	GAACAGUUCUUCUUCUAGAA	0.84	0.87	0.89	0.87	0.532011	1.05	1.35	0.72	1.04	0.334991	0.62	0.74	1.04	0.80	0.964087	
SLC35B4	Plate 04	H16	84912	NM_032826	GAAGGAAUUGUUCUUCUAGAA	0.95	0.87	0.89	0.87	0.532011	1.05	1.35	0.72	1.04	0.334991	0.62	0.74	1.04	0.80	0.964087	
SLC4A11	Plate 04	M06	83959	NM_032034	GAAGUUAUCUUCUUCUAGAA	0.70	0.67	0.44	0.60	0.3854-06	1.08	0.54	1.05	0.75	0.042262	0.68	0.75	0.42	0.61	3.312E-06	
SLC4A11	Plate 04	M06	83959	NM_032034	GAACUUCUUCUUCUUCUAGAA	0.99	0.91	0.84	0.91	0.182269	0.75	1.04	1.34	1.04	0.289822	0.86	0.83	0.79	0.82	0.359302	
SLC4A11	Plate 04	N06	83959	NM_032034	AAACAGGCGUUGGGGCAAA	0.62	0.69	-0.56	0.25	0.0072219	-0.45	1.58	0.88	0.67	0.1016328	0.86	0.62	2.25	1.15	0.0030308	
SLC4A11	Plate 04	P06	83959	NM_032034	CGACAGUUCUUCUUCUAGAA	0.93	0.93	0.83	0.90	0.282487	0.78	0.71	0.93	0.81	0.6849999	0.69	0.72	0.50	0.64	0.0019883	
SOX14	Plate 04	A20	8403	NM_004189	AGACUGGAGUUCUUCUAGAA	0.57	0.62	0.38	0.46	6.372E-17	0.89	0.45	0.35	0.56	8.148E-12	0.48	0.41	0.41	0.43	5.055E-24	
SOX14	Plate 04	B20	8403	NM_004189	CGUUAUUGGUGCCGGAUA	0.81	0.61	0.55	0.67	0.0011515	0.52	0.65	0.94	0.70	0.0002932	0.82	0.78	0.75	0.78	0.999274	
SOX14	Plate 04	C20	8403	NM_004189	GAACGUUUCUGUUAUAUGA	0.80	0.58	0.57	0.65	0.0004004	0.54	0.79	1.04	0.92	0.860205	0.57	0.66	0.36	0.53	7.294E-13	
SOX14	Plate 04	D20	8403	NM_004189	GGAGGAAUUGUUCUAAGAA	0.76	0.78	0.76	0.81	0.739999	1.04	0.78	0.92	0.92	0.790799	0.93	0.80	0.85	0.60	0.117445	
SPINK8	Plate 04	I25	64624	NM_00108025	GAAGAGGUGGUGCCGGAUA	0.82	0.67	0.36	0.52	5.485E-12	0.68	0.46	0.72	0.62	6.836E-07	0.43	0.56	0.47	0.49	2.581E-16	
SPINK8	Plate 04	J20	64624	NM_00108025	ACUUAUUGGUGCCGGAUA	0.65	0.44	0.46	0.52	2.483E-11	0.74	0.58	0.80	0.70	0.0009122	0.52	0.51	0.57	0.53	5.724E-11	
SPINK8	Plate 04	K20	64624	NM_00108025	GGGCUUAACUUAUUAUUA	0.63	0.66	0.52	0.60	1.03E-05	0.90	0.94	0.91	0.91	0.886179	0.79	0.88	0.58	0.75	3.24015	
SPINK8	Plate 04	L20	64624	NM_00108025	CGAAAGCCGCUUCUUCUAGAA	0.63	0.72	0.41	0.59	3.505E-07	0.66	1.11	1.05	0.94	0.883638	0.53	0.68	0.42	0.54	6.024E-11	
SPTB2N	Plate 04	H15	6712	NM_006946	GAAGGAAUUGUUCUUCUAGAA	0.89	0.82	0.75	0.85	7.4747147	1.07	1.03	0.73	0.82	0.113566	0.96	0.32	0.43	0.67	6.517E-38	
SPTB2N	Plate 04	O15	6712	NM_006946	CGACAGAAUUCUUCUAGAA	0.83	0.53	0.27	0.63	0.0429327	0.82	0.57	0.99	0.80	0.0429327	0.82	0.63	0.60	0.81	0.575E-31	
SPTB2N	Plate 04	P15	6712	NM_006946	GGAGGAAUUCUUCUUCUAGAA	0.83	0.67	0.69	0.73	0.0740339	1.02	0.91	0.95	0.96	0.966273	0.88	0.72	0.80	0.80	0.752E-31	
SUNS	Plate 04	A18	140732	NM_080675	ACACUUCUUCUUCUUCUAGAA	0.82	2.98	-4.26	-0.15	3.186E-07	0.53	2.69	-0.42	0.93	0.0132951	0.44	0.78	2.22	3.35	0.038966	
SUNS	Plate 04	B18	140732	NM_080675	GUAAGUUCUUCUUCUUCUAGAA	0.84	0.43	-0.01	0.35	1.984E-07	0.82	1.14	0.19	0.72	3.502E-09	0.43	0.45	0.85	0.88	1.261E-09	
SUNS	Plate 04	C18	140732	NM_080675	NM_080675	0.79	0.58	0.79	0.61	0.69	0.79	0.52	0.96	0.70	0.0009122	0.52	0.51	0.57	0.53	5.724E-11	
SUNS	Plate 04	D18	140732	NM_080675	GAAGUUAUCUUCUUCUAGAA	0.72	0.51	0.51	0.58	4.142E-07	0.58	0.58	0.95	0.70	0.0002320	0.71	0.74	0.68	0.71	0.0942255	
SYCE1L	Plate 04	E07	10013968	NM_00112979	AGGGGAGGUGGUGCCGGAUA	1.08	0.82	0.74	0.88	0.510197	0.86	0.85	0.66	0.79	0.0477373	0.56	0.66	0.68	0.63	0.0022447	
SYCE1L	Plate 04	F07	10013968	NM_00112979	GAUUAUUGUUCUUCUAGAA	1.01	0.47	0.25	0.57	9.007E-13	0.45	0.54	0.66	0.70	0.0003995	0.94	0.59	0.93	0.82	0.68146	
SYCE1L	Plate 04	G07	10013968	NM_00112979	GUUAAGUUCUUCUUCUAGAA	3.62	0.85	0.68	1.71	2.521E-09	1.91	1.26	0.94	1.22	0.0026119	2.11	0.72	1.12	1.32	6.97E-13	
SYCE1L	Plate 04	H07	10013968	NM_00112979	CGUUAUUGGUGCCGGAUA	0.82	0.65	0.79	0.61	0.69	0.79	0.62	0.79	0.62	0.0427531	0.81	0.51	0.58	0.63	0.001058	
SYCF2	Plate 04	M19	10388	NM_014258	GAGAAGGUGGUGCCGGAUA	0.81	0.47	0.70	0.66	0.0005577	0.70	0.34	0.60	0.54	1.35E-11	0.63	0.55	0.51	0.56	1.468E-08	
SYCF2	Plate 04	N19	10388	NM_014258	CGGUAUUGGUGCCGGAUA	0.64	0.78	0.74	0.65	0.0006765	0.51	0.63	1.02	0.72	0.0004663	0.69	0.71	0.45	0.58	1.164E-07	
SYCF2	Plate 04	O19	10388	NM_014258	GAAGUUAUCUUCUUCUAGAA	0.83	0.71	0.69	0.74	0.128123	1.00	0.78	1.07	0.95	0.861713	0.74	0.73	0.62	0.70	0.0414561	
SYCF2	Plate 04	P19	10388	NM_014258	CGGUAUUGGUGCCGGAUA	0.70	0.82	0.71	0.74	0.13074	0.82	0.95	1.17	0.98	0.2026292	0.74	0.98	0.73	0.82	0.576932	
TANK	Plate 04	F04	10010	NM_133484	GAAGUUAUCUUCUUCUAGAA	0.57	0.65	0.36	0.46	3.88E-05	0.71	1.12	0.87	0.90	0.5732311	0.81	0.61	0.55	0.60	0.0012318	
TANK	Plate 04	F04	10010	NM_133484	CGACUUCUUCUUCUUCUAGAA	0.83	0.73	0.60	0.72	0.0420052	1.12	0.99	0.85	0.99	0.514434	0.77	0.70	0.71	0.73	0.19962	
TANK	Plate 04	G04	10010	NM_133484	CAACAGUUAUUCUUCUAGAA	0.87	0.63	0.60	0.69	0.0103471	0.63	0.72	0.59	0.65	1.74E-05	0.83	0.80	0.77	0.80	0.718263	
TANK	Plate 04	H04	10010	NM_133484	GAGCAGGAAUUCUUCUAGAA	0.91	0.73	0.69	0.77	0.329878	0.88	0.94	1.18	0.93	0.823058	0.73	0.83	0.68	0.77	0.67815	
TBKX	Plate 04	M21	6909	NM_005994	GUUAAGUUCUUCUUCUAGAA	0.48	0.74	0.41	0.51	6.276E-12	0.91	0.67	0.53	0.70	0.0003783	0.48	0.55	0.60	0.54	3.246E-10	
TBKX	Plate 04	N21	6909	NM_005994	GUUAAGUUCUUCUUCUAGAA	0.48	0.74	0.41	0.51	6.276E-12	0.91	0.67	0.53	0.70	0.0003783	0.48	0.55	0.60	0.54	3.246E-10	
TBKX	Plate 04	O21	6909	NM_005994	CAUUCUUCUUCUUCUUCUAGAA	0.59	0.52	0.56	0.56	4.874E-08	0.92	0.80	0.76	0.82	0.161971	0.53	0.44	0.43	0.47	6.852E-19	
TBKX	Plate 04	P21	6909	NM_005994	CGUUAUUGGUGCCGGAUA	0.73	0.75	0.70	0.73	0.0731537	1.00	0.67	1.10	0.82	0.0861008	0.84	0.84	0.74	0.81	0.63184	
TCTE1	Plate 04	I21	202500	NM_182539	ACAGAGCCGCUUCUUCUAGAA	1.02	0.69	0.64	0.81	0.478179	1.23	1.06	0.95	1.00	0.0843009	0.83	0.67	0.76	0.75	0.471999	
TCTE1	Plate 04	J21	202500	NM_182539	GAAGGAAUUGUUCUUCUAGAA	0.57	1.48	0.59	-0.60	0.48	0.236241	1.00	1.24	1.03	1.09	0.004411	1.13	0.75	1.01	0.96	0.0102393
TCTE1	Plate 04	K21	202500	NM_182539	CGUUAUUGGUGCCGGAUA	0.83	0.53	0.27	0.64	0.0249327	0.82	0.57	0.99	0.80	0.0429327	0.82	0.63	0.60	0.81	0.575E-31	
TCTE1	Plate 04	L21	202500	NM_182539	CGUUAUUGGUGCCGGAUA	0.78	0.57	0.54	0.63	8.89E-05	1.46	0.85	1.01	1.10	0.0763217	0.88	0.68	0.62	0.73	0.144702	
TMCO6	Plate 04	I19	55																		

CAD	Plate 05	O05	790	NM_004341	CCAACAGAAAGCGGAUU	0.92	0.66	0.77	0.78	0.0302681	0.41	0.50	0.51	0.47	4.616E-17	0.61	0.57	0.52	0.57	1.529E-09
CAD	Plate 05	P05	790	NM_004341	AUUAAAGCCGCGGGGAU	1.09	1.05	0.98	1.04	0.0672713	0.99	0.49	1.05	0.84	0.0295914	0.78	0.76	0.81	0.78	0.610169
CCPG1	Plate 05	H07	9236	NM_004748	CAAGAAAGGCGGCGGAA	0.55	0.62	0.62	0.54	0.562436	0.55	0.77	0.62	0.55	3.514E-05	0.77	0.57	0.54	0.63	6.594E-06
CCPG1	Plate 05	J17	9236	NM_004748	GUUAUUUGUGAGGCGAAA	1.01	0.82	0.90	0.84	0.723004	0.91	1.13	0.80	1.08	0.251446	1.07	0.76	0.75	0.84	0.7022
CCPG1	Plate 05	K17	9236	NM_004748	GUUAUUUGUGAGGCGAAA	0.81	0.59	0.49	0.63	0.1014E-07	1.01	0.71	0.81	0.84	0.0970505	0.81	0.78	0.64	0.74	0.139872
CCPG1	Plate 05	L17	9236	NM_004748	CAAGAAAGGCGGCGGAA	0.73	0.87	0.81	0.80	0.0836817	0.87	1.11	1.13	1.03	0.412841	1.15	0.88	0.84	0.96	0.0061641
CEP19	Plate 05	A07	84984	NM_032898	UAGAGAGCGUAUUCAGUU	0.65	0.65	0.50	0.60	0.852E-09	1.04	1.13	0.98	0.98	0.848177	0.63	0.60	0.57	0.60	4.49E-07
CEP19	Plate 05	A07	84984	NM_032898	CAAGAAAGGCGGCGGAA	0.41	0.43	0.41	0.35	0.0001172	0.69	0.73	0.61	0.76	0.0001172	0.69	0.60	0.50	0.60	1.265E-00
CEP19	Plate 05	C07	84984	NM_032898	AAAUUUCGCGGCGGAAU	0.61	0.75	0.59	0.65	0.234E-06	0.85	1.03	0.50	0.86	0.0522325	0.62	0.60	0.36	0.52	0.70E-15
CEP19	Plate 05	D07	84984	NM_032898	AAGAAUUAUCCGCGACAA	0.81	1.16	0.85	0.94	0.780162	0.67	0.85	0.54	0.75	0.017371	0.48	0.87	1.00	0.78	0.198979
CLEC3B	Plate 05	M09	7123	NM_003278	GAUCUGCGGCGGCGGUA	0.91	1.54	0.91	1.12	0.0156552	1.36	1.10	0.96	1.14	0.0756454	1.02	1.21	0.81	1.01	0.0020257
CLEC3B	Plate 05	N09	7123	NM_003278	CGCAUACGUGGCGGCGUA	1.01	0.70	0.33	0.68	0.243E-08	1.94	0.87	0.70	1.17	0.259106	1.90	0.80	0.79	1.16	0.628E-06
CLEC3B	Plate 05	P09	7123	NM_003278	GAUCUGCGGCGGCGGUA	0.62	0.62	0.62	0.62	0.0001172	0.69	0.54	0.80	0.68	0.1861E-05	0.47	0.40	0.42	0.43	8.513E-09
CLEC3B	Plate 05	P09	7123	NM_003278	CGAAGUGUGGCGGCGGUA	0.77	0.16	0.01	0.31	2.115E-27	0.69	0.54	0.80	0.68	0.1861E-05	0.47	0.40	0.37	0.28	1E-20
CLEC4M	Plate 05	I05	10332	NM_014257	GAUGUGGCGGCGGCGGUA	0.66	0.34	0.55	0.51	1.615E-16	0.61	0.58	0.62	0.60	0.4118E-08	0.88	0.56	0.49	0.64	1.08E-05
CLEC4M	Plate 05	I05	10332	NM_014257	CGAAUUAUUAUUAUUAU	0.90	0.75	1.07	0.90	0.0856999	1.20	0.86	0.92	0.99	0.785746	0.56	0.68	0.47	0.57	1.088E-09
CLEC4M	Plate 05	K05	10332	NM_014257	GUGGAGGCGGCGGCGGUA	1.10	0.96	0.64	0.90	0.628733	1.18	0.88	0.72	0.92	0.504627	0.95	0.89	0.66	0.85	0.470752
CLEC4M	Plate 05	L05	10332	NM_014257	GAUUAUUAUUAUUAUUA	0.71	0.68	0.57	0.61	0.0001198	0.85	0.95	0.93	0.91	0.0159386	0.80	0.84	0.74	0.83	0.66002031
CLOCK	Plate 05	I09	9575	NM_004898	CAAGAAGGUGUAUUAUUA	0.56	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CLOCK	Plate 05	J09	9575	NM_004898	CGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.89	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CLOCK	Plate 05	K09	9575	NM_004898	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CLOCK	Plate 05	L09	9575	NM_004898	GACUUAUUAUUAUUAUUA	0.60	0.60	0.43	0.54	5.441E-13	0.66	0.70	0.97	0.78	0.0073911	0.48	0.64	0.31	0.47	1.009E-23
CYP81	Plate 05	I04	1582	NM_004391	AAUUAUUAUUAUUAUUA	0.60	0.70	0.52	0.61	2.074E-15	0.83	0.82	0.89	0.85	0.135052	0.83	0.79	0.81	0.81	0.943614
CYP81	Plate 05	I04	1582	NM_004391	GUUAUUAUUAUUAUUAU	0.51	0.60	0.42	0.57	0.085E-12	1.26	0.30	0.51	0.69	2.095E-09	0.52	0.27	0.54	0.44	5.525E-28
CYP81	Plate 05	K04	1582	NM_004391	CGUUAUUAUUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYP81	Plate 05	L04	1582	NM_004391	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	N08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.60	0.60	0.43	0.54	5.441E-13	0.66	0.70	0.97	0.78	0.0073911	0.48	0.64	0.31	0.47	1.009E-23
CYTH1	Plate 05	N08	9267	NM_017456	AAUUAUUAUUAUUAUUA	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	CGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9267	NM_017456	CGAAUUAUUAUUAUUAU	0.61	0.61	0.46	0.54	8.971E-13	0.78	0.50	0.95	0.74	0.0006118	0.85	0.89	0.62	0.79	0.525746
CYTH1	Plate 05	O08	9267	NM_017456	GGUGAAGGUGUAUUAUUA	0.61	0.58	0.54	0.58	0.4018E-10	0.89	0.97	0.88	0.92	0.575513	0.51	0.49	0.36	0.46	1.563E-23
CYTH1	Plate 05	O08	9267	NM_017456	GGCAAAUUAUUAUUAUUA	0.48	0.52	0.43	0.48	6.382E-19	0.59	0.68	0.88	0.71	0.0002994	0.45	0.53	0.56	0.52	8.606E-15
CYTH1	Plate 05	O08	9																	

PRRSAP2	Plate 05	J06	5636	NM_002767	CCAAUCAAUCCACALGA	0.51	0.37	0.39	0.43	2.78E-26	0.84	1.06	0.76	0.88	0.289576	0.47	0.42	0.38	0.42	2.82E-28	0.77	0.79	0.80	0.78	0.670531	
PRRSAP2	Plate 05	K06	5636	NM_002767	GAAGAGGUGCUUAUUAAGA	0.64	0.62	0.47	0.58	1.97E-10	0.59	0.66	1.02	0.75	0.0160548	1.07	0.84	0.81	0.91	0.81	0.6230426	0.91	0.84	0.81	0.81	0.6230426
R3HDM2	Plate 05	I18	22864	NM_014925	CAACAGCCACCCUUGAAGA	0.64	0.65	0.55	0.62	8.303E-08	0.71	0.74	1.07	0.70	0.01005498	0.66	0.67	0.69	0.67	0.67	0.67	0.69	0.67	0.69	0.67	0.602115
R3HDM2	Plate 05	J18	22864	NM_014925	GGAGGCGUCCUUAUUAU	0.75	0.67	0.81	0.74	0.005154A	0.85	0.89	0.76	0.83	0.0892208	0.60	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51	0.51
R3HDM2	Plate 05	K18	22864	NM_014925	GUCGAAUAGGCUUAGUUC	0.50	0.46	0.47	0.48	8.56E-19	1.02	0.71	0.68	0.81	0.0209993	0.61	0.49	0.31	0.40	1.34E-33	0.40	0.49	0.31	0.40	1.34E-33	
R3HDM2	Plate 05	L18	22864	NM_014925	CCAGUGUCCUUAUUAUUA	1.04	0.82	0.56	0.81	0.0394827	0.80	1.71	0.67	1.08	0.7162021	1.09	0.92	0.67	0.89	0.162021	0.89	0.92	0.67	0.89	0.162021	
RAB21	Plate 05	N11	23011	NM_014999	CGAGGAGUCCUUAUUAU	0.72	0.73	0.67	0.72	0.0149999	0.72	0.73	0.67	0.72	0.0149999	0.72	0.73	0.67	0.72	0.0149999	0.72	0.73	0.67	0.72	0.0149999	
RAB21	Plate 05	O11	23011	NM_014999	GAGGAAUCCUUAUUAUUA	1.00	0.61	0.50	0.60	0.131E-09	0.85	1.07	0.67	1.00	0.333302	0.76	0.58	0.72	0.69	0.043696	0.69	0.58	0.72	0.69	0.043696	
RAB21	Plate 05	P11	23011	NM_014999	CUACGAGAUUCAAUUAU	0.79	0.82	0.80	0.80	0.0898157	0.68	0.83	0.97	0.83	0.058499	0.71	0.71	0.60	0.68	0.017888	0.68	0.83	0.97	0.83	0.058499	
RAB21	Plate 05	Q11	23011	NM_014999	CAAGGAGAUUCAAUUAU	0.68	0.73	0.64	0.76	6.71E-07	-0.03	-0.19	0.66	0.14	0.0079562	0.53	0.60	0.41	0.51	2.905E-15	0.53	0.60	0.41	0.51	2.905E-15	
RAB21	Plate 05	E05	9978	NM_014248	CAAGCGUUAUUAUUAUUA	0.71	0.56	0.62	0.63	3.587E-07	0.60	1.07	0.72	0.90	0.333302	0.72	0.30	0.55	0.42	1.749E-30	0.72	0.30	0.55	0.42	1.749E-30	
RAB21	Plate 05	E05	9978	NM_014248	CCGAAUUAUUAUUAUUA	0.77	0.79	0.72	0.73	0.0193181	0.85	0.93	0.76	0.81	0.0269289	0.74	0.59	0.77	0.69	0.3779289	0.74	0.59	0.77	0.69	0.3779289	
RAB21	Plate 05	G05	9978	NM_014248	CAAGAAAGGCUUUAUUAU	0.75	0.66	0.45	0.62	2.81E-08	0.64	1.09	0.78	0.67	1.505E-05	0.40	0.45	0.42	0.43	4.62E-28	0.40	0.45	0.42	0.43	4.62E-28	
RAB21	Plate 05	H05	9978	NM_014248	CAACGAGAGUUGGAAUUC	0.74	0.58	0.84	0.72	0.0007974	1.06	1.06	0.70	0.90	0.329891	0.53	0.54	0.60	0.56	2.95E-10	0.53	0.54	0.60	0.56	2.95E-10	
RFCA	Plate 05	A06	5984	NM_002916	GGGAAUUAUUAUUAUUA	0.60	0.47	0.43	0.50	8.203E-17	0.91	1.02	0.80	0.94	0.7717515	0.50	0.53	0.43	0.49	4.78E-18	0.50	0.53	0.43	0.49	4.78E-18	
RFCA	Plate 05	B06	5984	NM_002916	CAUUCUCCUUAUUAUUA	0.79	0.69	0.97	0.82	0.108691	0.83	0.92	0.85	0.87	0.221341	0.72	0.70	1.23	0.88	0.343222	0.72	0.70	1.23	0.88	0.343222	
RFCA	Plate 05	C06	5984	NM_002916	CGGAGAGUCCUUAUUAU	1.49	1.10	0.83	1.14	0.009595	1.03	0.76	0.68	0.82	0.0452404	0.75	0.68	0.88	0.60	0.0403888	0.75	0.68	0.88	0.60	0.0403888	
RFCA	Plate 05	D06	5984	NM_002916	GAAGGCGUCCUUAUUAU	0.47	0.43	0.37	0.42	6.042E-26	0.71	0.87	0.65	0.75	0.0027769	0.38	0.42	0.33	0.38	0	0.38	0.42	0.33	0.38	0	
RMBP2	Plate 05	I10	23504	NM_015347	UAAAGCCUUAUUAUUAU	0.76	0.87	0.75	0.79	0.0577446	0.95	0.93	1.12	1.00	0.634346	0.52	0.62	0.57	0.57	2.696E-09	0.52	0.62	0.57	0.57	2.696E-09	
RMBP2	Plate 05	J10	23504	NM_015347	GUCUUGGAGUCCUUAUUA	0.65	0.48	0.43	0.52	3.635E-15	0.75	0.83	0.83	0.80	0.0340531	0.57	0.63	0.50	0.57	1.96E-09	0.57	0.63	0.50	0.57	1.96E-09	
RMBP2	Plate 05	K10	23504	NM_015347	GGCCGAGUCCUUAUUAU	0.25	0.25	0.70	0.56	3.504E-12	0.92	0.95	0.85	0.91	0.48877	0.62	0.71	0.99	0.78	0.293072	0.62	0.71	0.99	0.78	0.293072	
RMBP2	Plate 05	L10	23504	NM_015347	CAUUGUCCUUAUUAUUA	0.62	0.72	0.62	0.65	5.089E-06	0.87	0.88	1.00	0.92	0.569894	0.74	0.79	0.63	0.72	0.0449493	0.74	0.79	0.63	0.72	0.0449493	
RNF11	Plate 05	E10	54778	NM_017610	CGAGAUUUGUUAUUAAGA	0.69	0.61	0.58	0.63	2.834E-07	1.00	1.26	0.86	1.11	0.106738	0.72	0.83	0.73	0.76	0.295768	0.72	0.83	0.73	0.76	0.295768	
RNF11	Plate 05	F10	54778	NM_017610	GAGUUGUUAUUAUUAU	1.00	0.74	0.81	0.75	0.0079726	0.62	0.83	0.98	1.14	0.118753	0.74	0.77	0.62	0.74	0.127693	0.74	0.77	0.62	0.74	0.127693	
RNF11	Plate 05	G10	54778	NM_017610	AGAGGAAUUAUUAUUAU	0.67	0.64	0.59	0.63	6.654E-07	0.56	0.72	0.84	0.70	0.0001574	0.83	0.59	0.59	0.54	3.938E-05	0.83	0.59	0.59	0.54	3.938E-05	
RNF11	Plate 05	H10	54778	NM_017610	AGAGGAAUUAUUAUUAU	0.60	0.62	0.93	0.91	0.9134961	0.82	0.93	0.85	0.87	0.219402	1.00	0.76	0.64	0.87	0.265083	1.00	0.76	0.64	0.87	0.265083	
RNF208	Plate 05	I19	727800	NM_031297	GGAGGAGUCCUUAUUAU	0.50	0.52	0.48	0.51	0.116E-15	0.77	0.82	0.58	0.87	1.34E-06	0.43	0.55	0.68	0.52	2.008E-11	0.43	0.55	0.68	0.52	2.008E-11	
RNF208	Plate 05	J19	727800	NM_031297	UGAAAGUUGUCCUUAUUA	0.40	0.46	0.38	0.42	2.226E-27	0.80	0.46	0.58	0.62	2.23E-08	0.22	0.34	0.38	0.31	0	0.22	0.34	0.38	0.31	0	
RNF208	Plate 05	K19	727800	NM_031297	CGAGGAGUCCUUAUUAU	0.75	0.55	0.66	0.65	3.548E-06	1.28	0.83	0.82	0.97	0.947138	0.68	0.70	1.01	0.80	0.621306	0.68	0.70	1.01	0.80	0.621306	
RNF208	Plate 05	L19	727800	NM_031297	UUGUUGUUAUUAUUAU	0.78	0.84	0.71	0.78	0.0285533	0.90	0.96	0.98	0.94	0.858588	0.84	0.85	0.74	0.81	0.967134	0.84	0.85	0.74	0.81	0.967134	
RNF2	Plate 05	E17	80352	NM_025236	CAAGGAGUCCUUAUUAU	0.69	0.58	0.48	0.52	0.2628161	0.75	0.79	0.64	0.73	0.0308227	0.53	0.59	0.62	0.54	2.957E-13	0.53	0.59	0.62	0.54	2.957E-13	
RNF26	Plate 05	N21	79102	NM_032015	CGCCGAGGAGUCCUUAU	0.84	0.81	0.82	0.82	0.174043	0.92	1.13	0.99	1.01	0.559495	0.65	0.75	0.59	0.66	0.000652	0.65	0.75	0.59	0.66	0.000652	
RNF26	Plate 05	O21	79102	NM_032015	CGAGUCCAGAGGCGAAGA	0.78	0.74	0.72	0.75	0.006838	0.76	0.99	0.76	0.84	0.0852727	0.61	0.58	0.56	0.58	3.343E-08	0.61	0.58	0.56	0.58	3.343E-08	
RNF26	Plate 05	P21	79102	NM_032015	CGAGGAGUCCUUAUUAU	1.02	0.45	-0.95	0.17	0.008012	-1.02	-0.36	-0.13	-0.50	1	0.37	0.02	1.27	0.55	0	0.37	0.02	1.27	0.55	0	
RNF39	Plate 05	E17	80352	NM_025236	AGGAGGAGUCCUUAUUA	1.18	0.73	0.77	0.90	0.569156	0.86	1.45	0.79	1.03	0.676777	0.82	0.42	0.70	0.65	1.035E-05	0.82	0.42	0.70	0.65	1.035E-05	
RNF39	Plate 05	F17	80352	NM_025236	AGGAGGAGUCCUUAUUA	0.68	0.68	0.68	0.68	0.0000000	0.68	0.68	0.68	0.68	0.0000000	0.68	0.68	0.68	0.68	0.0000000	0.68	0.68	0.68	0.68	0.0000000	
RNF39	Plate 05	G17	80352	NM_025236	CGAGGAGUCCUUAUUAU	1.27	0.97	1.09	1.11	0.0079974	1.24	1.33	1.20	1.25	0.015886	1.05	0.76	0.90	0.90	0.074648	1.05	0.76	0.90	0.90	0.074648	
RNF39	Plate 05	H17	80352	NM_025236	AAGAUUAUUAUUAUUAU	0.81	0.81	0.77	0.80	0.0698633	0.99	0.98	1.04	1.00	0.609359	0.85	0.76	0.90	0.76	0.04648	0.85	0.76	0.90	0.76	0.04648	
RNF11	Plate 05	A22	51136	NM_016125	CAGAUUAUUAUUAUUAU	0.64	0.56	0.62	0.61	2.642E-08	1.24	0.94	0.66	0.95	0.578862	0.58	0.50	0.60	0.56	3.87E-10	0.58	0.50	0.60	0.56	3.87E-10	
RNF11	Plate 05	B22	51136	NM_016125	GAUUGGAGUCCUUAUUA	0.74	0.76	0.44	0.65	3.932E-07	1.71	0.95	1.02	0.89	0.200282	0.55	0.49	0.34	0.46	4.439E-23	0.55	0.49	0.34	0.46	4.439E-23	
RNF11	Plate 05	C22	51136	NM_016125	CGAGGAGUCCUUAUUAU	0.62	0.72	0.62	0.65	0.0000000	0.62	0.72	0.62	0.65	0.0000000	0.62	0.72	0.62	0.65	0.0000000	0.62	0.72	0.62	0.65	0.0000000	
RNF11	Plate 05	D22	51136	NM_016125	CGAGGAGUCCUUAUUAU	1.34	1.04	0.47	0.85	0.530346	0.81	0.38	0.76	0.65	1.667E-07	1.48	0.62	0.73	0.64	0.163368	1.48	0.62	0.73	0.64	0.163368	
SFTPD	Plate 05	E12	6441	NM_00																						

CBS	Plate 06	I06	875	NM_000071	AGAGGAGGAGACACCUA	0.64	0.60	0.60	0.61	0.0001851	0.93	0.63	0.68	0.75	0.0001224	0.79	0.81	0.91	0.84	0.444404
CBS	Plate 06	J06	875	NM_000071	CACCACCCUUGAUGAGAU	0.48	0.53	0.58	0.53	0.76767-09	1.12	0.91	0.70	0.91	0.120718	0.70	0.77	0.87	0.78	0.642894
CBS	Plate 06	K06	875	NM_000071	GGAGCGGUGGUGGACAGG	0.35	0.55	0.61	0.71	0.040416	0.85	0.53	1.21	0.30	0.0335903	0.52	0.56	0.58	0.38	0.0801427
CBS	Plate 06	L06	875	NM_000071	GGAGGAGGUGGCGGUGAA	0.79	0.77	2.35	1.30	0.2872-06	1.06	1.54	1.22	1.27	0.0130405	0.76	1.40	1.17	1.11	3.885E-07
DCAF4	Plate 06	M05	26094	NM_181341	CGAGGAGGUAAGGUGGAA	0.45	0.36	0.61	0.47	0.285E-14	0.58	0.86	0.70	0.71	1.302E-05	0.44	0.47	0.56	0.49	4.66E-17
DCAF4	Plate 06	N05	26094	NM_181341	CUUCAGACAUUGCGUGAA	0.89	0.77	0.92	0.86	0.390192	0.93	0.84	0.72	0.83	0.012912	0.63	0.58	0.62	0.61	4.425E-06
DCAF4	Plate 06	O05	26094	NM_181341	CGAAGUGGUAAGGCGAGUA	0.61	1.08	1.92	1.20	5.361E-05	0.75	0.32	1.03	0.70	1.088E-08	1.10	1.04	0.83	0.99	0.0004025
DCAF4	Plate 06	P05	26094	NM_181341	GUUAUUAUCAGAGCGGUU	0.69	0.79	0.60	0.70	0.0204992	0.79	0.69	0.77	0.78	0.015343	0.71	0.75	0.89	0.72	0.0540733
GEZ3	Plate 06	I04	55632	NM_017769	UCAAAAGAUUGUCUCUAA	0.64	0.54	0.59	0.59	1.735E-05	0.84	0.74	0.56	0.71	1.233E-05	0.72	0.61	0.68	0.67	0.00202027
GEZ3	Plate 06	J04	55632	NM_017769	GAGUUGAGUUAUCCAAUUA	0.79	0.77	0.65	0.74	0.203390	0.94	1.06	0.91	0.97	0.542144	0.78	0.79	0.83	0.80	0.977141
GEZ3	Plate 06	K04	55632	NM_017769	CCAUCCAGGUGUCAAUUA	0.75	0.61	0.54	0.64	0.0006284	0.80	0.86	0.91	0.85	0.0389136	0.93	0.76	0.90	0.86	0.205447
GEZ3	Plate 06	L04	55632	NM_017769	GUACACACUUAUCCUGAUG	0.64	0.79	0.87	0.77	0.432427	0.92	0.20	0.48	0.53	1.705E-22	0.56	0.67	1.07	0.76	0.178655
PEX10	Plate 06	A03	5192	NM_002617	CGCAGAGGACGCGUAGUA	0.78	0.75	0.68	0.74	0.213409	0.61	0.51	0.42	0.51	2.026E-16	0.26	0.69	0.42	0.46	2.481E-21
PEX10	Plate 06	B03	5192	NM_002617	GCUACAUUGGCGUGUUU	0.77	0.74	0.66	0.73	0.133395	1.15	0.95	0.82	0.97	0.511186	0.70	0.72	0.38	0.60	2.975E-08
PEX10	Plate 06	C03	5192	NM_002617	CCACACCAUUGCAGGGUA	0.68	0.72	0.58	0.66	0.003716	0.87	0.75	0.51	0.71	5.401E-06	0.47	0.40	0.54	0.47	6.187E-20
PEX10	Plate 06	D03	5192	NM_002617	CCAAGAGGUCACGCGGUA	0.86	0.75	0.97	0.86	0.409842	1.46	0.50	1.25	1.07	0.558085	0.51	0.75	0.74	0.67	0.0008765
R3HML	Plate 06	E04	149002	NM_178491	UGAUUGCUUACUGGUAUA	0.56	0.60	0.75	0.64	0.0030706	1.90	1.21	0.97	1.36	0.0342007	0.81	0.86	1.02	0.90	0.0562584
R3HML	Plate 06	F04	149002	NM_178491	CGCCUUAUCUGUUGGUA	0.91	0.81	1.02	0.81	0.9110339	0.92	0.85	1.17	0.98	0.565895	0.65	0.71	1.03	0.90	0.63904
R3HML	Plate 06	G04	149002	NM_178491	CCAACAAGUUCAGUGUUU	0.59	0.63	0.67	0.63	0.0007162	0.95	0.81	0.94	0.90	0.134221	0.58	0.70	0.69	0.66	0.0007091
R3HML	Plate 06	H04	149002	NM_178491	ACGCCUUAUUAUUGCCUAA	0.61	0.53	0.42	0.52	7.611E-10	0.81	1.20	1.92	1.31	0.0259262	0.43	0.51	0.55	0.50	3.233E-16
RNASEH2C	Plate 06	M06	84153	NM_032193	GGACUUCGACGCCUUCUUA	0.77	0.74	0.77	0.76	0.425994	0.69	0.88	0.68	0.75	0.0002148	0.57	0.60	0.63	0.60	1.088E-06
RNASEH2C	Plate 06	N06	84153	NM_032193	GAUUGGUAUGUGACAGA	0.65	0.56	0.56	0.59	1.724E-05	0.83	0.74	0.89	0.82	0.0093675	0.84	0.67	0.69	0.73	6.125139
RNASEH2C	Plate 06	O06	84153	NM_032193	CAAGUGGCGGUGGCCUUA	0.80	0.50	2.59	1.30	0.0019221	2.02	1.06	0.73	1.27	0.129856	0.92	0.82	1.06	0.93	0.0103436
RNASEH2C	Plate 06	P06	84153	NM_032193	CGCAGGUAUUCACGACA	2.90	0.55	1.36	1.61	7.926E-11	0.23	0.55	-2.94	-0.72	5.533E-25	1.94	0.11	1.23	1.09	0.0001731
RNF146	Plate 06	E05	81847	NM_030963	GGACUUCGAGGAAAGUA	0.77	0.83	0.86	0.82	0.816213	0.95	0.94	0.82	0.90	0.147214	0.69	0.77	0.81	0.76	0.341752
RNF146	Plate 06	F05	81847	NM_030963	AGAAGAAGUUCAGUACA	0.81	0.45	0.68	0.65	0.0008617	1.06	1.19	1.38	1.21	0.0507349	1.10	0.67	1.02	0.93	0.0268994
RNF146	Plate 06	G05	81847	NM_030963	GGAUUGUUCUGUUGUUU	1.08	0.61	4.33	2.00	9.04E-15	0.84	1.36	0.65	0.98	0.340843	0.97	0.80	2.11	1.29	3.93E-11
RNF146	Plate 06	H05	81847	NM_030963	UAACAUCUUCUACAA	0.60	0.54	0.87	0.67	0.0045389	1.22	0.60	1.22	1.02	0.50328	0.52	0.44	0.67	0.54	1.01E-11
RNF186	Plate 06	I05	54546	NM_019062	GCAACAACUUGUCCAUCA	0.56	0.49	0.35	0.47	1.045E-14	1.78	0.51	0.93	0.74	3.896E-05	0.41	0.52	0.39	0.44	9.417E-25
RNF186	Plate 06	J05	54546	NM_019062	CCGCAACAGCCUUGCAACA	0.23	0.52	0.69	0.48	3.583E-17	1.88	0.86	0.71	1.15	0.750903	0.27	0.39	0.68	0.45	1.018E-28
RNF186	Plate 06	K05	54546	NM_019062	GGAUUGGAGGUAUGUAUA	0.65	0.85	0.85	0.78	0.626903	1.07	1.48	0.72	1.09	0.771148	0.63	0.60	0.95	0.73	0.047983
RNF186	Plate 06	L05	54546	NM_019062	CAUCUACCGUUGUUCUUA	0.64	0.43	0.39	0.46	4.958E-13	0.52	0.86	0.70	0.69	1.678E-06	0.36	0.31	0.25	0.21	0
RNF19B	Plate 06	M04	127544	NM_153341	GAUGGAGGUAUUAUACA	0.85	0.66	0.82	0.71	0.063204	0.75	0.80	0.93	0.83	0.0118191	0.58	0.67	0.52	0.59	1.617E-07
RNF19B	Plate 06	N04	127544	NM_153341	CACGAGGUAUGAAUUGA	0.74	0.71	0.72	0.72	0.104091	0.77	0.79	0.78	0.78	0.0106066	0.51	0.49	0.48	0.49	4.895E-16
RNF19B	Plate 06	O04	127544	NM_153341	GAAAAGGAGUAAAUAUA	0.72	0.73	0.77	0.74	0.243791	0.87	0.89	0.93	0.89	0.129707	0.83	0.81	0.79	0.81	0.808195
RNF19B	Plate 06	P04	127544	NM_153341	GGACUUGGUAUUGUCUUU	0.89	0.78	0.63	0.77	0.417184	0.47	0.28	0.66	0.47	8.909E-23	0.47	0.41	0.30	0.39	6.219E-35
RNF31	Plate 06	I03	55072	NM_017999	CGACAUUACUUCACAGA	0.71	0.61	0.77	0.70	0.0403934	0.68	0.47	0.46	0.54	8.64E-15	0.47	0.44	0.52	0.48	1.199E-18
RNF31	Plate 06	J03	55072	NM_017999	GCCUUAUUAUUGUCUACA	1.05	0.60	1.29	0.98	0.344971	1.02	0.68	0.82	0.84	0.014586	0.42	0.46	0.42	0.43	2.226E-25
RNF31	Plate 06	K03	55072	NM_017999	GGGUGGUGUUCAGUUUAA	0.76	0.85	0.84	0.81	0.861874	0.67	0.68	0.72	0.69	4.125E-06	0.52	0.69	0.51	0.57	0.581E-09
RNF31	Plate 06	L03	55072	NM_017999	GUUAUGGCAACCGGACUA	0.51	0.52	0.65	0.56	4.119E-07	0.62	0.36	0.44	0.47	9.5E-21	0.34	0.36	0.50	0.40	3.237E-33
SCYL2	Plate 06	E06	55681	NM_017988	GACACUUCUACAUUGA	0.74	0.92	0.92	0.86	0.407004	0.95	1.06	0.89	0.97	0.512259	0.76	0.70	0.84	0.77	0.481666
SCYL2	Plate 06	F06	55681	NM_017988	GGACACGAGUAGACUGAU	0.77	0.69	0.58	0.68	0.0159288	1.02	0.91	0.96	0.97	0.550226	0.76	0.62	0.61	0.66	0.0011941
SCYL2	Plate 06	G06	55681	NM_017988	CGAGGUAUUCUUUUUUU	0.65	0.56	0.72	0.65	0.0016316	0.57	0.62	0.92	0.70	3.485E-06	0.58	0.57	0.59	0.58	5.352E-08
SCYL2	Plate 06	H06	55681	NM_017988	GGAGCAUUCUUAUUAUUG	0.72	0.60	0.60	0.64	0.0013711	0.80	0.72	0.69	0.74	0.0001177	0.65	0.51	0.51	0.56	4.104E-10
TRIM49	Plate 06	A04	57093	NM_020358	GAAGAGCCAAUAGUA	0.68	0.70	0.64	0.67	0.0137809	0.99	0.80	0.83	0.87	0.0609992	0.98	0.83	0.90	0.90	0.039106
TRIM49	Plate 06	B04	57093	NM_020358	GGAGGUAUUGUGUAUUU	0.74	0.76	0.90	0.80	0.885588	0.99	0.84	0.83	0.89	0.0268158	0.61	0.59	0.58	0.59	4.313E-07
TRIM49	Plate 06	C04	57093	NM_020358	GAAGGAAUUGGCCUAAA	1.14	0.79	0.83	0.92	0.1010496	0.84	1.01	0.77	0.87	0.0767606	1.02	0.92	0.86	0.93	0.0389462
TRIM49	Plate 06	D04	57093	NM_020358	GAAUCAGAUUGAGAAUA	0.86	0.49	3.77	1.71	3.74E-07	0.36	0.44	1.04	0.61	2.66E-13	0.91	0.35	1.68	0.98	0.7757
UHRF1	Plate 06	A05	29128	NM_001048201	GCCAUCCUUCUUCGUAUA	0.63	0.58	0.67	0.63	0.0005374	0.44	0.48	0.60	0.51	7.378E-17	0.40	0.41	0.47	0.43	1.004E-26
UHRF1	Plate 06	B05	29128	NM_001048201	GAACAGUUCUUGAUCAAG	0.76	0.71	0.77	0.75	0.295795	1.12	0.80	0.65	0.86	0.0018802	0.87	1.09	0.62	0.86	0.412541
UHRF1	Plate 06	C05	29128	NM_001048201	UGGAGGAGCCUUAUUA	0.53	0.25	1.49	0.76	8.834E-06	0.69	0.59	0.97	0.75	0.0400161	0.46	0.47	0.65	0.53	2.919E-13
UHRF1	Plate 06	D05	29128	NM_001048201	GAACGGGUGGUGCAGAU	0.83	0.28	1.81	0.97	0.322563	0.77	0.92	0.73	0.81	0.0484566	0.92	0.41	0.79	0.71	0.0023997
UHRF1	Plate 06	I19	29128	NM_001048201	GCCAUCCUUCUUCGUAUA	0.46	0.49	0.41	0.45	2.89E-15	0.31	0.41	0.56	0.43	2.826E-26	0.44	0.30	0.38	0.37	0
UHRF1	Plate 06	J19	29128	NM_001048201	GCAACUUCUUGUGAUCAAG	0.86	0.62	0.50	0.66	0.0021256	0.76	0.92	0.61	0.76	0.0003523	0.47	0.86	0.73	0.82	0.688074
UHRF1	Plate 06	K19	29128	NM_001048201	UGGAGGAGCCUUAUUA	0.93	0.68	0.25	0.62	4.81E-08	1.22	0.78	0.93	0.98	0.480851	0.51	0.92	0.77	0.73	0.0520013
UHRF1	Plate 06	L19	29128	NM_001048201	GAACGGGUGGUGCAGAU	1.16	1.14	1.87	1.39	1.247E-12	1.06	2.22	2.18	1.82	5.635E-10	1.82	0.74	1.39	1.25	1.722E-11
WDR4	Plate 06	A06	10785	NM_033661	CGACUUCUUCUUCGAGAG	0.36	0.39	0.00	0.25	2.737E-18	2.27	0.59	0.40	1.09	0.0074146	0.21	0.4			