

TABLE S1

	T622-0510	T622-0158	3568-0108	Y020-1093	T622-0548	T815-1119	T965-0869	T479-0307	T633-2591	D398-0620	E470-0488	E538-0203	D715-0442	D715-0530	E859-0056	E786-0108	F869-0035	G216-0296	G856-6116	J005-0540	M475-0143	1418-0044	T993-0873	5988-0062
0	0.977	0.929	0.896	0.900	1.106	1.161	3.932	1.112	0.843	0.947	0.885	0.835	1.172	0.953	1.140	0.946	1.057	1.017	0.925	0.945	1.050	0.952	1.168	1.084
0.001	0.951	0.946	0.915	1.102	0.913	1.245	1.107	0.923	0.820	0.950	0.912	0.915	0.946	1.072	0.998	1.018	1.084	0.943	1.022	1.036	0.965	1.025	1.157	1.145
0.008	0.968	0.821	1.000	0.854	0.964	0.915	0.885	0.898	0.925	0.868	0.907	1.008	1.015	0.991	0.929	0.942	0.801	0.935	0.775	0.827	0.906	0.911	1.058	0.942
0.04	1.067	0.832	0.995	1.019	1.132	0.966	0.917	0.880	0.915	0.821	0.810	0.920	1.214	0.915	0.855	0.939	0.792	0.923	1.166	0.890	0.895	0.825	1.051	1.004
0.2	1.046	0.877	0.838	0.957	0.932	0.850	0.806	0.858	0.953	0.866	0.930	1.050	1.033	0.981	0.907	0.858	0.917	0.784	0.945	1.029	0.809	1.178	0.943	0.931
1	1.050	1.069	0.939	0.903	0.879	1.032	1.003	0.902	0.921	1.017	0.917	0.949	1.283	0.952	0.915	1.015	0.916	0.903	1.009	0.905	0.841	0.841	0.943	0.957
5	1.209	1.005	0.953	0.832	1.051	0.917	1.026	0.924	0.938	1.074	0.900	1.051	0.929	1.004	0.876	0.996	1.353	1.118	4.816	1.019	0.987	0.917	0.883	1.007
25	1.546	1.209	1.058	0.972	1.076	0.983	1.098	1.019	1.200	1.639	1.039	1.414	1.070	1.010	0.986	1.340	12.370	2.619	123.495	2.248	0.946	0.998	1.030	1.058

TABLE S2

	25μM	5μM	1μM	0.2μM		25μM	5μM	1μM	0.2μM			
A	D398-0063	1.506	1.018	0.977	1.040	C	F869-0056	29.471	1.842	1.066	1.010	
	S646-0245	1.434	1.103	0.968	1.023		F869-0035	9.423	1.164	1.101	1.065	
	D398-0347	1.425	1.116	0.981	0.936		F869-0673	7.280	0.716	0.647	0.766	
	D398-0646	1.419	1.063	0.991	0.951		F869-0698	7.244	0.916	1.159	0.999	
	D398-0620	1.399	1.088	0.960	0.930		F869-0659	6.529	0.917	0.899	0.956	
	D398-1117	1.365	1.007	1.000	1.054		F726-0656	2.939	0.854	1.125	1.077	
	T829-1947	1.362	1.023	0.930	0.925		F869-0031	2.526	0.978	1.074	0.921	
	D398-0634	1.358	1.080	0.929	0.988		F869-0647	2.342	0.805	0.809	0.892	
	D398-0538	1.347	1.110	0.987	0.948		F869-0666	2.052	0.900	0.944	0.854	
	D398-0156	1.340	1.022	1.033	0.984		F869-0367	1.943	0.800	0.923	0.950	
	D398-0253	1.340	1.019	0.885	0.962		F869-0348	1.895	0.951	1.012	0.903	
	D398-0621	1.331	1.221	1.101	1.025		F869-0686	1.745	0.813	0.997	0.932	
	D398-0522	1.323	0.979	1.004	1.006		F869-0694	1.627	0.764	0.833	0.850	
	D398-0064	1.296	1.067	0.891	0.970		F869-0716	1.570	0.781	0.854	0.932	
	D398-0444	1.293	1.192	0.961	0.977		F869-0682	1.496	0.876	0.836	0.995	
	T829-1968	1.288	1.013	0.962	0.988		F869-0036	1.475	0.800	0.951	1.013	
	Y200-4546	1.287	1.076	0.955	1.030		F869-0691	1.468	0.889	0.950	1.253	
	D398-0618	1.282	1.018	0.993	1.007		F869-0654	1.384	0.842	0.932	0.854	
	D398-0539	1.267	1.048	1.029	0.987		F869-0656	1.260	0.784	0.838	0.943	
	S561-0501	1.262	0.985	0.937	0.971		F869-1004	1.179	0.835	0.932	0.911	
	D398-0061	1.260	1.059	0.999	1.015		F869-0352	1.146	0.903	0.973	0.934	
	SA44-0312	1.253	1.077	1.122	0.936		F869-0723	1.141	0.757	0.892	0.938	
	D398-0060	1.241	1.108	1.005	0.955		F869-0641	1.141	0.972	0.921	0.946	
	L239-0298	1.237	1.027	0.937	0.946		F869-0086	1.138	0.929	0.926	0.944	
	D398-0251	1.233	0.995	0.947	0.971		F869-0660	1.137	0.875	0.881	0.949	
	D398-0637	1.231	1.134	0.955	0.944		F869-1003	1.067	0.853	0.882	0.961	
	D398-0613	1.227	1.014	0.937	1.000		F869-0662	1.057	0.824	0.866	0.899	
	D398-0332	1.221	1.077	1.008	0.965		F869-0679	1.048	0.906	0.879	0.900	
	D398-0645	1.219	0.980	0.952	0.936		F869-0667	1.036	0.810	0.803	1.084	
	D398-0046	1.212	1.078	0.986	0.947		F869-0710	1.030	0.763	0.909	0.879	
	D398-0252	1.200	1.117	0.907	0.953		F726-0667	1.023	1.116	1.057	1.066	
	D398-0523	1.193	1.062	1.007	1.063		F869-0669	1.020	0.823	0.856	0.914	
	D398-0638	1.178	1.016	0.974	1.108		F869-0042	1.013	0.922	1.018	1.070	
	D398-0349	1.165	0.953	1.040	0.989		F869-0061	1.010	0.965	0.962	1.007	
	D398-1299	1.159	1.041	0.984	1.038		F869-0350	1.001	0.932	0.988	0.963	
	D398-0071	1.159	1.000	0.971	0.966		F869-0068	0.989	0.944	1.007	0.973	
	D398-0348	1.152	1.045	0.976	0.999		F869-0693	0.973	0.852	0.896	0.960	
	D398-0047	1.142	0.974	0.983	1.049		F869-1009	0.965	0.839	1.056	0.908	
	D398-0540	1.135	1.063	0.982	1.066		F726-0654	0.964	0.896	1.082	0.917	
	D398-0633	1.109	1.087	1.037	0.928		F869-0093	0.921	0.833	0.960	0.998	
	D398-0039	1.079	1.033	1.003	0.984		F869-0981	0.906	0.860	0.863	0.869	
	D398-0236	1.044	0.978	0.953	1.129		F869-1294	0.901	0.854	0.958	0.982	
	D398-0072	1.038	1.019	1.025	1.085		F869-0019	0.900	0.962	1.138	0.962	
	B	SA59-0041	1.446	1.214	0.965		0.942	F869-1290	0.899	0.970	0.958	0.883
		T622-0506	1.413	1.088	1.009		0.922	F869-1303	0.896	0.730	0.833	0.887
S672-0564		1.347	1.078	1.064	1.040	F869-0718	0.887	0.761	0.942	0.906		
T622-0150		1.334	1.066	0.995	0.893	F869-0005	0.886	0.934	0.999	1.040		
S223-0293		1.331	1.042	0.885	0.906	F726-0685	0.872	0.926	1.041	0.983		
S232-0396		1.330	1.056	0.937	0.928	F869-0950	0.867	0.982	0.971	0.913		
L629-0054		1.328	1.111	1.080	1.057	F869-0658	0.862	0.779	0.785	0.887		
S329-4213		1.326	1.001	0.897	1.068	F869-0370	0.861	0.842	0.906	0.908		
T622-0146		1.317	0.996	0.916	0.955	F869-0344	0.835	0.778	0.876	1.005		
S635-3355		1.307	1.015	1.051	0.938	F869-0349	0.833	0.962	0.980	1.005		
L629-0483		1.301	1.203	1.089	1.048	F869-0357	0.816	0.935	0.983	0.952		
S213-0510		1.301	1.062	0.928	0.932	F869-0049	0.808	0.904	1.020	0.976		
S511-0940		1.271	1.105	0.940	0.902	F869-1292	0.804	0.992	1.018	1.017		
S910-0041		1.268	1.039	1.076	1.055	F869-0041	0.796	0.916	1.023	0.960		
S635-4216		1.261	1.097	0.937	1.002	F869-1284	0.796	0.936	0.878	0.901		
S511-1798		1.256	1.027	0.955	0.912	F869-0360	0.782	0.875	0.927	0.900		
S511-1226		1.255	0.991	0.951	0.968	F869-0032	0.775	0.943	1.082	0.989		
S649-1027		1.248	1.169	0.966	0.953	F869-0632	0.773	0.927	0.949	0.987		
S662-0248		1.226	1.103	0.979	1.017	F869-0997	0.757	0.887	1.004	0.884		
T622-0510		1.212	1.018	0.992	0.930	F869-0063	0.750	0.892	1.019	0.993		
S635-3812		1.202	1.093	1.023	1.110	F869-0671	0.746	0.692	0.851	0.966		
CM4575-1890		1.196	1.032	0.911	0.952	F869-0067	0.731	0.872	1.022	0.929		
S511-1512		1.161	1.010	0.942	0.982	F869-0084	0.727	0.777	0.995	0.955		
S726-0860		1.157	1.031	0.961	0.913	F869-0697	0.718	0.801	0.782	0.848		
S890-0049		1.150	1.016	0.917	1.053	F869-0649	0.710	0.911	1.011	0.907		
S511-2084		1.146	1.072	0.927	0.940	F869-0064	0.697	0.835	0.930	0.898		
T500-1525		1.131	1.042	0.956	0.965	F869-0024	0.684	0.771	0.968	1.028		
S997-1225		1.114	0.963	0.888	0.956	F869-0039	0.669	0.895	0.992	0.925		
M574-0652		1.103	1.004	1.004	0.971	F869-0644	0.664	0.871	0.929	1.002		
S330-4119		1.094	1.073	0.967	1.031	F869-0070	0.658	0.892	0.944	0.936		
S726-1438		1.046	1.090	0.895	0.964	F869-0724	0.643	0.792	0.894	0.984		
						F869-0661	0.612	0.998	0.892	0.894		
						F869-0037	0.608	0.862	1.015	0.974		
						F869-0726	0.587	0.835	0.828	0.905		
						F869-0054	0.587	0.850	1.015	0.942		
						F869-0714	0.584	0.755	0.787	0.967		
						F869-0681	0.575	0.812	0.954	0.943		
						F869-0692	0.572	0.779	0.774	0.836		
						F869-0051	0.523	0.841	0.936	0.980		

TABLE S3

Gene	Fold	Gene	Fold	Gene	Fold	Gene	Fold
UBC	53.8	PSMD14	16.0	PSMA5	8.4	CHD3	5.1
UBB	39.9	PSMD12	14.8	PSMA1	8.1	DCAF1	4.4
PSMA4	31.3	PSMD7	14.5	PSMA7	6.5	OTUD3	4.3
PSMA3	30.5	PSMB7	13.7	PSMC5	6.3	PCGF2	4.2
PSMA6	29.5	PSMB6	12.9	PSMC6	6.2	CHFR	4.1
PSMD8	26.7	PSMB4	12.5	PSMD2	5.8	MARCH11	4.1
PSMD1	25.2	PSMB1	12.3	JOSD1	5.7	KLHL6	4.0
PSMD11	23.5	PSMB5	11.7	BTBD8	5.6	PSMC4	4.0
PSMD6	20.4	POMP	11.2	PSMA2	5.5	RPP21	3.9
PSMB3	18.2	PSMD3	8.8	COPS2	5.1	HERC4	3.9