

Table S1 Setting1 DEPs

Accession	FC(B/A)	Log2FC(B/A)	P_value(B/A)	Regulate	Significant
W5UJ57	0.4468	-1.162	0.000712	down	yes
A0A2D0Q7J1	0.1629	-2.618	0.001835	down	yes
A0A2D0RUD0	2.245	1.167	0.009117	up	yes
A0A2D0QAA7	3.545	1.826	0.03871	up	yes
B6E459	0.4718	-1.084	0.037	down	yes
A0A2D0R6D1	0.1449	-2.787	0.001093	down	yes
A0A2D0SHQ5	0.3951	-1.34	0.005591	down	yes
A0A2D0PWK8	0.4668	-1.099	0.02974	down	yes
A0A2D0QFI2	2.924	1.548	0.01778	up	yes
A0A2D0RMF9	0.1846	-2.438	0.003921	down	yes
A0A2D0PZ24	0.2399	-2.059	0.008094	down	yes
A0A2D0S5T1	2.566	1.36	0.01173	up	yes
A0A2D0SEI7	0.3748	-1.416	0.03949	down	yes
A0A2D0SHM7	0.4019	-1.315	0.03857	down	yes
A0A2D0R0K4	3.652	1.869	0.000441	up	yes
W5UD05	3.372	1.754	0.008301	up	yes
A0A2D0PLY9	0.3545	-1.496	0.0289	down	yes
W5U8W8	0.4028	-1.312	0.03412	down	yes
W5UA66	0.1242	-3.009	0.000711	down	yes
A0A2D0QNJ3	2.457	1.297	0.04667	up	yes
A0A2D0R8Z4	4.257	2.09	0.002373	up	yes
W5UC97	0.3197	-1.645	0.02414	down	yes
A0A2D0QQQ0	2.46	1.299	0.03054	up	yes
W5UBG2	12.27	3.617	0.01611	up	yes
A0A2D0SW44	0.2974	-1.75	0.01011	down	yes
A0A2D0PU42	0.4324	-1.21	0.006065	down	yes
A0A2D0PS74	0.411	-1.283	0.000288	down	yes
A0A2D0SIF0	0.2684	-1.898	0.01468	down	yes
A0A2D0RLQ4	0.2482	-2.01	7.70E-05	down	yes
E3TGD3	0.4722	-1.083	0.02704	down	yes
W5UGM4	0.2605	-1.941	0.03801	down	yes
A0A2D0T9Y6	3.814	1.931	0.00369	up	yes
A0A2D0PIB4	32	5	0	up	yes
A0A2D0PL25	32	5	0	up	yes
A0A2D0PLG6	32	5	0	up	yes
A0A2D0PN16	32	5	0	up	yes
A0A2D0PN39	32	5	0	up	yes
A0A2D0PPU6	32	5	0	up	yes
A0A2D0PRR0	32	5	0	up	yes
A0A2D0PUV8	32	5	0	up	yes
A0A2D0PV98	32	5	0	up	yes
A0A2D0PVW4	32	5	0	up	yes
A0A2D0PWY2	32	5	0	up	yes
A0A2D0PX38	32	5	0	up	yes
A0A2D0PXL3	32	5	0	up	yes
A0A2D0PZT3	32	5	0	up	yes
A0A2D0Q0G3	32	5	0	up	yes
A0A2D0Q3B3	32	5	0	up	yes
A0A2D0Q3G1	32	5	0	up	yes
A0A2D0Q425	32	5	0	up	yes
A0A2D0Q5D6	32	5	0	up	yes
A0A2D0Q5P3	32	5	0	up	yes

A0A2D0Q7C3	32	5	0 up	yes
A0A2D0Q841	32	5	0 up	yes
A0A2D0Q9H6	32	5	0 up	yes
A0A2D0QDU0	32	5	0 up	yes
A0A2D0QEH7	32	5	0 up	yes
A0A2D0QFC3	32	5	0 up	yes
A0A2D0QGC5	32	5	0 up	yes
A0A2D0QI88	32	5	0 up	yes
A0A2D0QMQ2	32	5	0 up	yes
A0A2D0QMU5	32	5	0 up	yes
A0A2D0QPF7	32	5	0 up	yes
A0A2D0QTX9	32	5	0 up	yes
A0A2D0QU17	32	5	0 up	yes
A0A2D0QWS7	32	5	0 up	yes
A0A2D0QZ73	32	5	0 up	yes
A0A2D0QZ81	32	5	0 up	yes
A0A2D0QZJ3	32	5	0 up	yes
A0A2D0QZL3	32	5	0 up	yes
A0A2D0R092	32	5	0 up	yes
A0A2D0R1M1	32	5	0 up	yes
A0A2D0R2S6	32	5	0 up	yes
A0A2D0R3U2	32	5	0 up	yes
A0A2D0R3X4	32	5	0 up	yes
A0A2D0R891	32	5	0 up	yes
A0A2D0RBW6	32	5	0 up	yes
A0A2D0RBZ2	32	5	0 up	yes
A0A2D0RD06	32	5	0 up	yes
A0A2D0REU1	32	5	0 up	yes
A0A2D0RJY2	32	5	0 up	yes
A0A2D0RKM8	32	5	0 up	yes
A0A2D0RMU7	32	5	0 up	yes
A0A2D0RMY4	32	5	0 up	yes
A0A2D0RNE6	32	5	0 up	yes
A0A2D0RP37	32	5	0 up	yes
A0A2D0RQ46	32	5	0 up	yes
A0A2D0RR20	32	5	0 up	yes
A0A2D0RSN9	32	5	0 up	yes
A0A2D0RU70	32	5	0 up	yes
A0A2D0RUC3	32	5	0 up	yes
A0A2D0RUC7	32	5	0 up	yes
A0A2D0RUW3	32	5	0 up	yes
A0A2D0RX29	32	5	0 up	yes
A0A2D0RYW1	32	5	0 up	yes
A0A2D0RZA9	32	5	0 up	yes
A0A2D0S067	32	5	0 up	yes
A0A2D0S1Q3	32	5	0 up	yes
A0A2D0S2R2	32	5	0 up	yes
A0A2D0S4S6	32	5	0 up	yes
A0A2D0S5B6	32	5	0 up	yes
A0A2D0S5C7	32	5	0 up	yes
A0A2D0S8A2	32	5	0 up	yes
A0A2D0S8P1	32	5	0 up	yes
A0A2D0S8V6	32	5	0 up	yes
A0A2D0SC98	32	5	0 up	yes

A0A2D0SD83	32	5	0 up	yes
A0A2D0SEN4	32	5	0 up	yes
A0A2D0SH33	32	5	0 up	yes
A0A2D0SHE7	32	5	0 up	yes
A0A2D0SJ06	32	5	0 up	yes
A0A2D0SJ10	32	5	0 up	yes
A0A2D0SJU2	32	5	0 up	yes
A0A2D0SM78	32	5	0 up	yes
A0A2D0SRE9	32	5	0 up	yes
A0A2D0SS18	32	5	0 up	yes
A0A2D0SSL4	32	5	0 up	yes
A0A2D0SUK0	32	5	0 up	yes
A0A2D0SV12	32	5	0 up	yes
A0A2D0SW11	32	5	0 up	yes
A0A2D0SYF8	32	5	0 up	yes
A0A2D0SZ15	32	5	0 up	yes
A0A2D0SZN6	32	5	0 up	yes
A0A2D0T265	32	5	0 up	yes
A0A2D0T2D4	32	5	0 up	yes
A0A2D0T4B8	32	5	0 up	yes
A0A2D0T789	32	5	0 up	yes
A0A2D0T7G9	32	5	0 up	yes
A0A2D0T7L1	32	5	0 up	yes
A0A2D0T9J5	32	5	0 up	yes
A0A2D0T9X6	32	5	0 up	yes
E3TEQ0	32	5	0 up	yes
E3TET7	32	5	0 up	yes
E3TFJ1	32	5	0 up	yes
E3TGC1	32	5	0 up	yes
E3TGN0	32	5	0 up	yes
Q207K5	32	5	0 up	yes
Q207R1	32	5	0 up	yes
W5U652	32	5	0 up	yes
W5U691	32	5	0 up	yes
W5U6I2	32	5	0 up	yes
W5U6M5	32	5	0 up	yes
W5U801	32	5	0 up	yes
W5U8N9	32	5	0 up	yes
W5U9X5	32	5	0 up	yes
W5UA29	32	5	0 up	yes
W5UCV2	32	5	0 up	yes
W5UE58	32	5	0 up	yes
W5UE64	32	5	0 up	yes
W5UEC7	32	5	0 up	yes
W5UH77	32	5	0 up	yes
W5UIC6	32	5	0 up	yes
W5UIY9	32	5	0 up	yes
W5UJP7	32	5	0 up	yes
W5UK79	32	5	0 up	yes
W5UL61	32	5	0 up	yes
A0A2D0PHA0	1.00E-05	-16.61	0 down	yes
A0A2D0PHY3	1.00E-05	-16.61	0 down	yes
A0A2D0PIP0	1.00E-05	-16.61	0 down	yes
A0A2D0PJV9	1.00E-05	-16.61	0 down	yes

A0A2D0PNY7	1.00E-05	-16.61	0 down	yes
A0A2D0PPB5	1.00E-05	-16.61	0 down	yes
A0A2D0PPL5	1.00E-05	-16.61	0 down	yes
A0A2D0PRY4	1.00E-05	-16.61	0 down	yes
A0A2D0PSX8	1.00E-05	-16.61	0 down	yes
A0A2D0PU15	1.00E-05	-16.61	0 down	yes
A0A2D0PU23	1.00E-05	-16.61	0 down	yes
A0A2D0PU95	1.00E-05	-16.61	0 down	yes
A0A2D0PUX1	1.00E-05	-16.61	0 down	yes
A0A2D0PW54	1.00E-05	-16.61	0 down	yes
A0A2D0PXB3	1.00E-05	-16.61	0 down	yes
A0A2D0PZ78	1.00E-05	-16.61	0 down	yes
A0A2D0PZS7	1.00E-05	-16.61	0 down	yes
A0A2D0Q1Y6	1.00E-05	-16.61	0 down	yes
A0A2D0Q2S3	1.00E-05	-16.61	0 down	yes
A0A2D0Q2U0	1.00E-05	-16.61	0 down	yes
A0A2D0Q322	1.00E-05	-16.61	0 down	yes
A0A2D0Q3Z4	1.00E-05	-16.61	0 down	yes
A0A2D0Q5E6	1.00E-05	-16.61	0 down	yes
A0A2D0Q5T3	1.00E-05	-16.61	0 down	yes
A0A2D0Q638	1.00E-05	-16.61	0 down	yes
A0A2D0QAL2	1.00E-05	-16.61	0 down	yes
A0A2D0QAU5	1.00E-05	-16.61	0 down	yes
A0A2D0QBA1	1.00E-05	-16.61	0 down	yes
A0A2D0QBZ9	1.00E-05	-16.61	0 down	yes
A0A2D0QCU3	1.00E-05	-16.61	0 down	yes
A0A2D0QEF9	1.00E-05	-16.61	0 down	yes
A0A2D0QFL9	1.00E-05	-16.61	0 down	yes
A0A2D0QGN7	1.00E-05	-16.61	0 down	yes
A0A2D0QHD4	1.00E-05	-16.61	0 down	yes
A0A2D0QHS7	1.00E-05	-16.61	0 down	yes
A0A2D0QI77	1.00E-05	-16.61	0 down	yes
A0A2D0QKS2	1.00E-05	-16.61	0 down	yes
A0A2D0QLG0	1.00E-05	-16.61	0 down	yes
A0A2D0QMY4	1.00E-05	-16.61	0 down	yes
A0A2D0QNM2	1.00E-05	-16.61	0 down	yes
A0A2D0QPP0	1.00E-05	-16.61	0 down	yes
A0A2D0QPU5	1.00E-05	-16.61	0 down	yes
A0A2D0QPU9	1.00E-05	-16.61	0 down	yes
A0A2D0QSX3	1.00E-05	-16.61	0 down	yes
A0A2D0QT49	1.00E-05	-16.61	0 down	yes
A0A2D0QU75	1.00E-05	-16.61	0 down	yes
A0A2D0QUC8	1.00E-05	-16.61	0 down	yes
A0A2D0QUG8	1.00E-05	-16.61	0 down	yes
A0A2D0QVK6	1.00E-05	-16.61	0 down	yes
A0A2D0QXL1	1.00E-05	-16.61	0 down	yes
A0A2D0QY77	1.00E-05	-16.61	0 down	yes
A0A2D0QYK3	1.00E-05	-16.61	0 down	yes
A0A2D0QYV4	1.00E-05	-16.61	0 down	yes
A0A2D0R0R5	1.00E-05	-16.61	0 down	yes
A0A2D0R1P1	1.00E-05	-16.61	0 down	yes
A0A2D0R1S5	1.00E-05	-16.61	0 down	yes
A0A2D0R2L9	1.00E-05	-16.61	0 down	yes
A0A2D0R392	1.00E-05	-16.61	0 down	yes

A0A2D0R3W1	1.00E-05	-16.61	0 down	yes
A0A2D0R4F7	1.00E-05	-16.61	0 down	yes
A0A2D0R794	1.00E-05	-16.61	0 down	yes
A0A2D0R8C8	1.00E-05	-16.61	0 down	yes
A0A2D0R8U9	1.00E-05	-16.61	0 down	yes
A0A2D0R8Z1	1.00E-05	-16.61	0 down	yes
A0A2D0R9K9	1.00E-05	-16.61	0 down	yes
A0A2D0R9M2	1.00E-05	-16.61	0 down	yes
A0A2D0RAI6	1.00E-05	-16.61	0 down	yes
A0A2D0RAT9	1.00E-05	-16.61	0 down	yes
A0A2D0RAY0	1.00E-05	-16.61	0 down	yes
A0A2D0RCL3	1.00E-05	-16.61	0 down	yes
A0A2D0RCN6	1.00E-05	-16.61	0 down	yes
A0A2D0RD02	1.00E-05	-16.61	0 down	yes
A0A2D0RDW3	1.00E-05	-16.61	0 down	yes
A0A2D0RFC6	1.00E-05	-16.61	0 down	yes
A0A2D0RI40	1.00E-05	-16.61	0 down	yes
A0A2D0RI89	1.00E-05	-16.61	0 down	yes
A0A2D0RJL9	1.00E-05	-16.61	0 down	yes
A0A2D0RKB7	1.00E-05	-16.61	0 down	yes
A0A2D0RLW3	1.00E-05	-16.61	0 down	yes
A0A2D0RMF5	1.00E-05	-16.61	0 down	yes
A0A2D0RMG3	1.00E-05	-16.61	0 down	yes
A0A2D0RN45	1.00E-05	-16.61	0 down	yes
A0A2D0RN69	1.00E-05	-16.61	0 down	yes
A0A2D0RNH3	1.00E-05	-16.61	0 down	yes
A0A2D0RPI9	1.00E-05	-16.61	0 down	yes
A0A2D0RRN0	1.00E-05	-16.61	0 down	yes
A0A2D0RSX5	1.00E-05	-16.61	0 down	yes
A0A2D0RVV0	1.00E-05	-16.61	0 down	yes
A0A2D0RWA8	1.00E-05	-16.61	0 down	yes
A0A2D0RWU9	1.00E-05	-16.61	0 down	yes
A0A2D0RZ34	1.00E-05	-16.61	0 down	yes
A0A2D0S0Z9	1.00E-05	-16.61	0 down	yes
A0A2D0S1A9	1.00E-05	-16.61	0 down	yes
A0A2D0S1J2	1.00E-05	-16.61	0 down	yes
A0A2D0S415	1.00E-05	-16.61	0 down	yes
A0A2D0S4N4	1.00E-05	-16.61	0 down	yes
A0A2D0S569	1.00E-05	-16.61	0 down	yes
A0A2D0S581	1.00E-05	-16.61	0 down	yes
A0A2D0S5U2	1.00E-05	-16.61	0 down	yes
A0A2D0S619	1.00E-05	-16.61	0 down	yes
A0A2D0S7X2	1.00E-05	-16.61	0 down	yes
A0A2D0S8U8	1.00E-05	-16.61	0 down	yes
A0A2D0S934	1.00E-05	-16.61	0 down	yes
A0A2D0S9P2	1.00E-05	-16.61	0 down	yes
A0A2D0S9X3	1.00E-05	-16.61	0 down	yes
A0A2D0SA67	1.00E-05	-16.61	0 down	yes
A0A2D0SAN7	1.00E-05	-16.61	0 down	yes
A0A2D0SAS0	1.00E-05	-16.61	0 down	yes
A0A2D0SAY0	1.00E-05	-16.61	0 down	yes
A0A2D0SC81	1.00E-05	-16.61	0 down	yes
A0A2D0SCW8	1.00E-05	-16.61	0 down	yes
A0A2D0SCZ1	1.00E-05	-16.61	0 down	yes

A0A2D0SEM4	1.00E-05	-16.61	0 down	yes
A0A2D0SF95	1.00E-05	-16.61	0 down	yes
A0A2D0SFH0	1.00E-05	-16.61	0 down	yes
A0A2D0SH18	1.00E-05	-16.61	0 down	yes
A0A2D0SHH9	1.00E-05	-16.61	0 down	yes
A0A2D0SIM4	1.00E-05	-16.61	0 down	yes
A0A2D0SJI8	1.00E-05	-16.61	0 down	yes
A0A2D0SN73	1.00E-05	-16.61	0 down	yes
A0A2D0SNK8	1.00E-05	-16.61	0 down	yes
A0A2D0SQ37	1.00E-05	-16.61	0 down	yes
A0A2D0SRM6	1.00E-05	-16.61	0 down	yes
A0A2D0SSJ4	1.00E-05	-16.61	0 down	yes
A0A2D0SSM5	1.00E-05	-16.61	0 down	yes
A0A2D0STG4	1.00E-05	-16.61	0 down	yes
A0A2D0STN9	1.00E-05	-16.61	0 down	yes
A0A2D0SUZ7	1.00E-05	-16.61	0 down	yes
A0A2D0SVJ2	1.00E-05	-16.61	0 down	yes
A0A2D0SWK1	1.00E-05	-16.61	0 down	yes
A0A2D0SWZ4	1.00E-05	-16.61	0 down	yes
A0A2D0SY85	1.00E-05	-16.61	0 down	yes
A0A2D0SZV8	1.00E-05	-16.61	0 down	yes
A0A2D0T0Y9	1.00E-05	-16.61	0 down	yes
A0A2D0T150	1.00E-05	-16.61	0 down	yes
A0A2D0T1R0	1.00E-05	-16.61	0 down	yes
A0A2D0T1R2	1.00E-05	-16.61	0 down	yes
A0A2D0T3X0	1.00E-05	-16.61	0 down	yes
A0A2D0T445	1.00E-05	-16.61	0 down	yes
A0A2D0T5S4	1.00E-05	-16.61	0 down	yes
A0A2D0T682	1.00E-05	-16.61	0 down	yes
A0A2D0T6F9	1.00E-05	-16.61	0 down	yes
A0A2D0T9T5	1.00E-05	-16.61	0 down	yes
E3TE17	1.00E-05	-16.61	0 down	yes
E3TE89	1.00E-05	-16.61	0 down	yes
E3TEU7	1.00E-05	-16.61	0 down	yes
E3TF99	1.00E-05	-16.61	0 down	yes
E3TFD7	1.00E-05	-16.61	0 down	yes
E3TFZ5	1.00E-05	-16.61	0 down	yes
Q1WCE6	1.00E-05	-16.61	0 down	yes
Q207K0	1.00E-05	-16.61	0 down	yes
Q2EGN8	1.00E-05	-16.61	0 down	yes
Q2EGS3	1.00E-05	-16.61	0 down	yes
Q2HYP4	1.00E-05	-16.61	0 down	yes
Q4JI09	1.00E-05	-16.61	0 down	yes
W5U648	1.00E-05	-16.61	0 down	yes
W5U6D0	1.00E-05	-16.61	0 down	yes
W5U6M2	1.00E-05	-16.61	0 down	yes
W5U6N1	1.00E-05	-16.61	0 down	yes
W5U6X2	1.00E-05	-16.61	0 down	yes
W5U7M5	1.00E-05	-16.61	0 down	yes
W5U8Y4	1.00E-05	-16.61	0 down	yes
W5U919	1.00E-05	-16.61	0 down	yes
W5U936	1.00E-05	-16.61	0 down	yes
W5U950	1.00E-05	-16.61	0 down	yes
W5UA40	1.00E-05	-16.61	0 down	yes

W5UA86	1.00E-05	-16.61	0 down	yes
W5UBF3	1.00E-05	-16.61	0 down	yes
W5UBM6	1.00E-05	-16.61	0 down	yes
W5UBU8	1.00E-05	-16.61	0 down	yes
W5UCM1	1.00E-05	-16.61	0 down	yes
W5UD92	1.00E-05	-16.61	0 down	yes
W5UDC9	1.00E-05	-16.61	0 down	yes
W5UDR6	1.00E-05	-16.61	0 down	yes
W5UF62	1.00E-05	-16.61	0 down	yes
W5UH24	1.00E-05	-16.61	0 down	yes
W5UHV1	1.00E-05	-16.61	0 down	yes
W5UHZ2	1.00E-05	-16.61	0 down	yes
W5UI44	1.00E-05	-16.61	0 down	yes
W5UI78	1.00E-05	-16.61	0 down	yes
W5UIF3	1.00E-05	-16.61	0 down	yes
W5UIU5	1.00E-05	-16.61	0 down	yes
W5UJ46	1.00E-05	-16.61	0 down	yes
W5UKD2	1.00E-05	-16.61	0 down	yes
W5UKG8	1.00E-05	-16.61	0 down	yes
W5UKP9	1.00E-05	-16.61	0 down	yes
W5UKV5	1.00E-05	-16.61	0 down	yes
W5UR51	1.00E-05	-16.61	0 down	yes
W5USQ0	1.00E-05	-16.61	0 down	yes
W5UTW0	1.00E-05	-16.61	0 down	yes