

Supplemental Table. Summary of fold changes of proteins at test sites normalised to control sites.

Cluster and Protein description	Day 0	Day 14	Day 21	Day 35
Group A:				
28S ribosomal protein S31, mitochondrial	0	1.88	1.43	-0.93
Isoform 2 of Neurofilament heavy polypeptide	0	2.02	1.61	-0.84
MAX-interacting protein isoform 2	0	3.81	0.25	-0.47
Group B1:				
5-formyltetrahydrofolate cyclo-ligase	0	0.02	0.38	-0.70
cardiac muscle ryanodine receptor	0	-0.88	0.21	-1.44
CTCL tumor antigen se20-7	0	-0.05	0.77	-1.08
Isoform 2 of Ankyrin repeat domain-containing protein 12	0	-0.45	0.16	-1.22
keratin 3	0	-0.62	0.31	-1.30
Keratin, type II cytoskeletal 2 oral	0	-0.10	0.55	-1.04
Midasin	0	0.00	0.63	-0.54
Spectrin beta chain, brain 4	0	-0.24	0.79	-1.75
Group B2i:				
actinin, alpha 1 isoform c	0	-0.10	-0.22	-0.01
alpha 3 type VI collagen isoform 4 precursor	0	-0.56	0.63	0.05
Annexin A1	0	0.16	0.62	-0.03
Annexin A3	0	0.06	0.55	0.02
Biorientation of chromosomes in cell division protein 1-like	0	-0.52	-0.17	-0.26
Centrosome-associated protein 350	0	-0.63	0.13	0.14
Cystatin-B	0	0.51	0.28	0.03
Cystatin-S	0	0.32	-0.12	0.02
Cytoplasmic dynein 1 heavy chain 1	0	0.40	0.94	-0.36

DBF4-type zinc finger-containing protein 2	0	-0.43	0.86	0.27
Dynein heavy chain 11, axonemal	0	0.47	0.71	0.02
dynein, axonemal, heavy chain 17	0	-0.13	0.13	-0.37
Dystonin	0	0.12	0.51	0.02
Envoplakin	0	0.18	0.06	-0.10
erythrocyte membrane protein band 4.1-like 2 isoform b	0	0.00	0.13	-0.31
Fatty acid-binding protein, epidermal	0	0.58	0.33	0.22
Isoform 1 of Ankyrin repeat domain-containing protein 26	0	-0.49	0.40	-0.09
Isoform 1 of Ankyrin-2	0	0.04	0.39	0.46
Isoform 1 of ATP-binding cassette sub-family A member 13	0	0.57	0.72	-0.12
Isoform 1 of Dynein heavy chain 3, axonemal	0	0.46	0.86	-0.16
Isoform 1 of Dynein heavy chain 7, axonemal	0	-0.49	0.11	-0.31
Isoform 1 of Keratin, type I cytoskeletal 13	0	-0.09	0.15	-0.18
Isoform 1 of Leucine-rich repeat serine/threonine-protein kinase 2	0	0.17	0.87	-0.26
Isoform 1 of Pecanex-like protein 2	0	0.54	0.59	-0.38
Isoform 1 of Probable methylcytosine dioxygenase TET2	0	-0.26	0.87	-0.27
Isoform 1 of Serum albumin	0	-0.23	-0.19	0.07
Isoform 1 of StAR-related lipid transfer protein 9	0	0.45	0.06	-0.14
Isoform 1 of Striated muscle preferentially expressed protein kinase	0	0.18	0.48	0.40
Isoform 1 of Zinc finger protein 793	0	-0.03	0.16	-0.53
Isoform 2 of Centrosomal protein of 290 kDa	0	-0.05	0.22	-0.16
Isoform 2 of Keratin, type I cuticular Ha6	0	-0.62	0.06	0.17
Isoform 2 of Keratin, type II cytoskeletal 78	0	0.05	0.16	-0.17
Isoform 2 of Myosin-9	0	0.21	-0.31	-0.35
Isoform 2 of Nuclear pore complex protein Nup155	0	-0.33	0.92	-0.07
Isoform 2 of Telomere-associated protein RIF1	0	0.23	0.32	-0.31
Isoform 2 of Titin	0	0.09	0.41	0.00
Isoform 2 of Vacuolar protein sorting-associated protein 13D	0	0.17	0.03	0.02
Isoform 3 of Centromere-associated protein E	0	-0.04	0.23	-0.12

Isoform 3 of Phosphatase and actin regulator 3	0	-0.41	0.18	0.29
Isoform 3 of Spectrin alpha chain, brain	0	0.38	0.37	0.13
Isoform 4 of Bile acid receptor	0	-0.26	0.28	0.44
Isoform 4 of Nesprin-1	0	0.02	0.41	-0.21
Isoform 4 of Titin	0	0.13	0.38	-0.26
Isoform 5 of X-linked retinitis pigmentosa GTPase regulator-interacting protein 1	0	0.48	0.56	-0.15
Isoform 8 of Titin	0	-0.12	0.16	0.24
Isoform Beta-1 of DNA topoisomerase 2-beta	0	-0.20	0.62	0.03
Isoform DPI of Desmoplakin	0	0.25	0.45	-0.33
keratin 13 isoform b	0	0.45	0.14	0.18
Keratin, type I cytoskeletal 14	0	-0.15	0.25	0.05
Keratin, type I cytoskeletal 16	0	-0.06	0.38	0.03
Keratin, type I cytoskeletal 17	0	-0.48	0.39	0.02
Keratin, type I cytoskeletal 19	0	0.41	0.58	-0.44
Keratin, type I cytoskeletal 20	0	-0.33	0.11	-0.02
Keratin, type I cytoskeletal 23	0	-0.33	0.14	-0.64
Keratin, type II cytoskeletal 2 epidermal	0	-0.43	0.29	-0.65
Keratin, type II cytoskeletal 5	0	-0.27	0.14	-0.36
Liprin alpha4	0	0.03	0.20	-0.28
mesoderm posterior 2 homolog	0	-0.32	0.35	-0.09
Microtubule-actin crosslinking factor 1	0	-0.16	1.06	0.21
Microtubule-actin cross-linking factor 1, isoform 4	0	0.00	0.10	-0.23
Microtubule-associated serine/threonine-protein kinase 1	0	-0.09	0.85	0.44
MOV10-like 1 isoform 2	0	-0.29	0.54	0.08
Msx2-interacting protein	0	-0.39	1.02	-0.10
Mucin-16	0	0.31	0.69	-0.25
Myosin-1	0	0.54	0.10	0.11
nebulin isoform 1	0	-0.16	0.25	0.32
nebulin isoform 2	0	0.29	0.99	0.23

Nucleoprotein TPR	0	0.18	0.37	0.42
Periplakin	0	0.05	0.60	-0.29
Poly [ADP-ribose] polymerase 4	0	-0.02	0.22	-0.04
Probable E3 ubiquitin-protein ligase HERC2	0	-0.31	-0.13	-0.03
Probable G-protein coupled receptor 158	0	0.54	0.34	0.26
Protein FAM9A	0	-0.50	-0.10	0.02
Protein S100-A8	0	-0.87	0.07	-0.49
Pumilio homolog 1	0	0.50	0.62	0.31
Serine/threonine-protein kinase PRP4 homolog	0	0.17	0.20	0.22
similar to protein kinase, DNA-activated, catalytic polypeptide	0	-0.08	0.52	0.08
similar to ubiquitin protein ligase E3 component n-recognin 5 isoform 2	0	0.53	0.38	-0.16
Sperm-associated antigen 17	0	-0.12	0.10	-0.48
Splicing factor, arginine/serine-rich 19	0	-0.51	0.38	-0.38
Structural maintenance of chromosomes protein 3	0	-0.45	0.11	0.26
titin isoform N2-A	0	0.24	0.31	-0.30
titin isoform novex-3	0	-0.36	0.56	0.45
Translational activator GCN1	0	0.11	1.01	0.10
Zinc finger imprinted 3	0	-0.26	-0.27	0.25
Zinc finger, PHD-type domain containing protein	0	0.06	1.10	-0.08
Group B2ii:				
Centrosomal protein 350kDa	0	-0.52	1.58	-0.17
Group B2iii:				
Histone H4	0	0.67	-0.41	-0.29
Isoform 1 of Nucleolar protein 7	0	0.67	-0.38	-0.58
Isoform 2 of Transcription elongation regulator 1	0	0.64	-1.01	-0.28
Laminin subunit alpha-1	0	0.89	-0.64	-0.16

Group B2iv:

Isoform 1 of Dynein heavy chain 10, axonemal	0	-0.22	-0.27	0.72
Isoform 1 of Nesprin-2	0	0.26	0.85	0.71
Isoform 2 of Collagen alpha-5(VI) chain	0	0.37	0.04	0.45
Isoform 2 of Ventricular zone-expressed PH domain-containing protein homolog 1	0	0.41	-0.39	0.47
Mutated melanoma-associated antigen 1-like protein 1	0	0.72	0.20	0.69
myosin, heavy polypeptide 7B, cardiac muscle, beta	0	-0.35	0.20	0.71
Myosin-4	0	0.34	0.31	0.74
Myosin-7	0	0.56	-0.25	0.27
Neutrophil defensin 3	0	0.43	0.69	0.76
optic atrophy 1 isoform 2	0	0.49	-0.24	1.16
Similar to nonhistone chromosomal protein HMG-1	0	0.52	-0.24	0.96
v-kit Hardy-Zuckerman 4 feline sarcoma viral oncogene homolog isoform 2 precursor	0	0.75	0.12	0.50
Zinc finger protein 609	0	-0.22	0.57	0.89

Group B2v:

Keratin, type I cytoskeletal 10	0	-0.08	-1.28	0.26
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Group B2vi:

Alpha-amylase 1	0	1.67	0.99	-0.49
Ankyrin repeat domain-containing protein 35	0	1.08	1.30	-0.03
Apolipoprotein B-100	0	1.13	0.99	-0.03
ATP-binding cassette sub-family A member 3	0	0.83	1.42	-0.33
glutamate receptor, metabotropic 1 isoform beta precursor	0	0.83	1.80	0.02
Histone H1.2	0	1.49	0.48	-0.70
Immediate early response gene 2 protein	0	0.54	1.95	0.25
Isoform 1 of Chromodomain-helicase-DNA-binding protein 7	0	1.12	0.28	-0.03
Isoform 1 of Dynein heavy chain 6, axonemal	0	1.35	0.36	-0.07

Isoform 1 of Tetratricopeptide repeat protein GNN	0	0.90	0.87	-0.03
Isoform 2 of Retinoblastoma-binding protein 6	0	0.65	0.90	0.29
Isoform 2 of Spectrin beta chain, brain 2	0	1.51	0.25	-0.61
Isoform 3 of SLIT-ROBO Rho GTPase-activating protein 3	0	0.72	1.91	-0.04
Isoform 4 of Inositol 1,4,5-trisphosphate receptor type 1	0	1.38	0.02	0.00
Isoform 7 of Plectin-1	0	1.11	1.13	-0.01
Keratin, type II cytoskeletal 75	0	1.54	-0.08	0.11
Myosin-8	0	1.11	0.99	0.27
Zinc finger protein 678	0	1.15	0.54	0.05
Group B3:				
bromodomain containing 9 isoform 2	0	-1.33	-0.22	0.01
Coiled-coil domain-containing protein 147	0	-2.27	0.09	0.04
Ig gamma-3 chain C region	0	-1.15	-0.61	-0.30
Isoform 1 of Fibrous sheath-interacting protein 2	0	-1.35	-0.16	-0.96
Isoform 1 of Filensin	0	-1.08	-0.57	-0.53
Isoform 2 of Centriolin	0	-1.56	0.90	-0.33
Isoform 2 of Filamin-C	0	-1.27	0.24	0.17
Isoform 2 of Intraflagellar transport protein 172 homolog	0	-2.04	0.62	0.06
Isoform 2 of Mucin-19	0	-1.09	-0.38	-0.92
Isoform 2 of Serum albumin	0	-0.76	-0.36	-0.10
Isoform 3 of Zinc finger protein 407	0	-1.25	1.16	0.11
Isoform 4 of Cadherin-23	0	-2.17	-0.37	0.31
Isoform A of Oxysterol-binding protein-related protein 1	0	-1.64	-1.25	-0.43
Kinesin-like protein KIFC1	0	-0.97	-0.54	-0.37
laminin alpha 2 subunit isoform b precursor	0	-0.82	-1.02	-0.71
Methylcytosine dioxygenase TET1	0	-1.23	0.26	-0.43
Myosin-XV	0	-1.54	0.05	-0.29
orosomuroid 1 precursor	0	-1.31	0.22	0.51
Plastin-2	0	-1.12	0.24	-0.27

SFRS2IP protein	0	-1.22	0.36	-0.20
Group B4:				
Isoform 1 of Lysosomal-trafficking regulator	0	1.46	1.22	1.05
Keratin, type II cytoskeletal 1	0	0.90	0.64	1.46
myosin IXB isoform 2	0	0.79	1.44	0.97
Zinc finger and BTB domain-containing protein 38	0	2.17	0.99	1.25
Group B5:				
Isoform 1 of Serine/threonine-protein phosphatase 4 regulatory subunit 4	0	-0.10	1.80	0.64
Isoform 2 of Leucine-rich repeat-containing protein 7	0	-0.56	1.51	1.08
Group B6:				
COP9 signalosome complex subunit 7a	0	-2.06	-0.95	-1.38
Isoform 1 of Abnormal spindle-like microcephaly-associated protein	0	-2.17	-1.28	-1.07
Isoform 3 of Protein strawberry notch homolog 1	0	-0.67	-0.73	-1.65
Zinc finger protein 16	0	-1.94	-0.99	-1.40
Group C:				
similar to hCG1645503	0	-3.31	-0.68	0.09
Group D:				
Histone-lysine N-methyltransferase SETD1A	0	-0.55	-0.44	3.17
Isoform 2 of Nuclear mitotic apparatus protein 1	0	-1.99	0.36	1.59
Group E:				
Isoform 2 of MAGUK p55 subfamily member 2	0	0.17	3.46	1.63
Myosin-3	0	2.97	3.90	0.68

Protein bassoon

0

0.74

2.93

0.33