

SUPPLEMENTARY TABLE 2. GENES WITH  $\geq 2$ -FOLD CHANGE FROM BASELINE TO 7 DAYS POST-SRC

<i>Gene symbol</i>	<i>Gene title</i>	<i>Fold change</i>	<i>FDR-corrected p value</i>
EPM2AIP1	EPM2A (laforin) interacting protein 1	2.07	0.0010
PLK2	Polo-like kinase 2	-2.02	0.0011
IFRD1	Interferon-related developmental regulator 1	-2.03	<0.0001
FCAR	Fc fragment of IgA, receptor for	-2.04	0.0002
KLF10	Kruppel-like factor 10	-2.05	<0.0001
KRAS	V-Ki-ras2 Kirsten rat sarcoma viral oncogene homolog	-2.05	0.0008
CCNL1	Cyclin L1	-2.07	0.0012
LOC338758	Hypothetical LOC338758	-2.09	<0.0001
TPP2	Tripeptidyl peptidase II	-2.10	0.0001
SOCS3	Suppressor of cytokine signaling 3	-2.11	0.0011
EIF1	Eukaryotic translation initiation factor 1	-2.13	<0.0001
FFAR2	Free fatty acid receptor 2	-2.14	0.0007
STAT3	Signal transducer and activator of transcription 3 (acute-phase response factor)	-2.17	<0.0001
BCL10	B-cell CLL/lymphoma 10	-2.20	0.0002
TP53INP2	Tumor protein p53 inducible nuclear protein 2	-2.23	0.0002
TMEM107	Transmembrane protein 107	-2.27	0.0006
MXD1	MAX dimerization protein 1	-2.33	<0.0001
PRO2852	Hypothetical protein PRO2852	-2.35	0.0011
TUBB2A	Tubulin, beta 2A	-2.46	0.0001
ZBTB24	Zinc finger and BTB domain containing 24	-2.52	0.0004
PHACTR1	Phosphatase and actin regulator 1	-2.53	0.0006
EGR2	Early growth response 2	-2.74	0.0005
PHLDA2	Pleckstrin homology-like domain, family A, member 2	-2.74	<0.0001
LOC399900	Hypothetical LOC399900	-2.86	<0.0001
DUSP1	Dual specificity phosphatase 1	-2.90	<0.0001
TNF	Tumor necrosis factor	-2.91	0.0005
PTGS2	Prostaglandin-endoperoxide synthase 2 (prostaglandin G/H synthase and cyclooxygenase)	-3.17	0.0002
IL1B	Interleukin 1, beta	-3.19	0.0005
EGR3	Early growth response 3	-3.33	<0.0001
NAMPT	Nicotinamide phosphoribosyltransferase	-4.05	0.0005
JUN	Jun proto-oncogene	-4.73	<0.0001
CCL3/CCL3L1/ CCL3L3	Chemokine (C-C motif) ligand 3/chemokine (C-C motif) ligand 3-like 1/chemokine	-6.00	<0.0001
G0S2	G0/G1switch 2	-7.72	<0.0001

SRC, sports-related concussion; FDR, false discovery rate.