

Table S4. *PTP genes expression in spinal cord and cerebellum from MOG-induced EAE mice.*  
Differential gene expression of PTP family members in EAE spinal cord and cerebellum lesions

Mouse spinal cord								
	EAE vs SHAM (D14)			EAE vs SHAM (D17)			EAE vs SHAM (D28)	
	Fold	Pvalue		Fold	Pvalue		Fold	Pvalue
Ptpn20	-1.59	0.055	Ptprd	-2.44	0.001	Ptprd	-2.15	0.003
Ptprh	-1.47	0.081	Dusp15	-2.40	0.001	Ptprr	-2.13	0.012
Mtmr2	-1.37	0.030	Ptprn2	-2.24	0.000	Epm2a	-1.93	0.000
Styxl1	-1.35	0.214	Ptprr	-1.94	0.006	Ptpre	-1.89	0.008
Ptpn4	-1.27	0.181	Ptpn13	-1.89	0.023	Ptpn13	-1.82	0.003
Ptprr	-1.26	0.168	Dusp8	-1.75	0.006	Dusp8	-1.79	0.001
Ptprd	-1.25	0.260	Ptpn3	-1.72	0.003	Mtmr7	-1.79	0.006
Ptpre	-1.20	0.232	Ptpn5	-1.72	0.005	Ptprn2	-1.75	0.003
Tns1	-1.14	0.293	Epm2a	-1.72	0.004	Dusp15	-1.75	0.008
Ptp4a1	-1.13	0.101	Ptprn	-1.69	0.010	Ptprm	-1.74	0.020
Dusp15	-1.09	0.422	Ptpn14	-1.69	0.094	Ptpn3	-1.66	0.038
Ptpmt1	-1.05	0.164	Mtmr7	-1.63	0.011	Dusp26	-1.66	0.009
Dusp8	-1.04	0.455	Ptprm	-1.59	0.006	Mtmr2	-1.59	0.015
Epm2a	-1.04	0.129	Ptprs	-1.56	0.008	Cdc14b	-1.58	0.002
Mtmr7	-1.03	0.208	Ptpre	-1.54	0.013	Ptpn5	-1.57	0.013
Ptpdc1	-1.03	0.192	Tenc1	-1.52	0.012	Dusp4	-1.56	0.038
Sbf2	-1.00	0.452	Ptpdc1	-1.47	0.008	Dusp10	-1.52	0.011
Ptprz1	1.00	0.356	Ptprh	-1.47	0.018	Tenc1	-1.46	0.010
Ptprm	1.00	0.471	Ptprz1	-1.45	0.022	Ptpdc1	-1.45	0.001
Ptprn	1.00	0.486	Tns1	-1.43	0.056	Ptprs	-1.42	0.006
Ptprf	1.03	0.314	Mtmr9	-1.40	0.026	Ptprz1	-1.41	0.002
Dusp1	1.04	0.215	Mtmr2	-1.39	0.003	Ptp4a1	-1.40	0.088
Dusp12	1.05	0.122	Sbf1	-1.31	0.038	Mtmr6	-1.39	0.050
Dusp10	1.05	0.349	Ptpn20	-1.31	0.302	Mtmr4	-1.38	0.010
Mtm1	1.05	0.311	Cdc14b	-1.28	0.001	Mtmr10	-1.35	0.028
Dusp19	1.05	0.316	Ptprt	-1.27	0.056	Styxl1	-1.34	0.163
Ptpn3	1.06	0.370	Ptpro	-1.27	0.064	Dusp1	-1.33	0.049
Mtmr10	1.07	0.021	Dusp10	-1.25	0.186	Dusp22	-1.31	0.081
Dusp23	1.08	0.388	Ptprg	-1.23	0.133	Ptprb	-1.31	0.029
Ptprg	1.10	0.318	Ptprb	-1.21	0.065	Ptprg	-1.30	0.010
Ptprn2	1.10	0.312	Ptprf	-1.21	0.104	Mtmr9	-1.29	0.018
Dusp22	1.10	0.150	Dusp4	-1.20	0.182	Ptprn	-1.27	0.001
Acp1	1.12	0.269	Ptp4a1	-1.20	0.118	Sbf1	-1.25	0.087
Dusp14	1.12	0.347	Dusp26	-1.19	0.147	Ptprt	-1.24	0.039
Ptprt	1.12	0.278	Mtmr4	-1.19	0.158	Ptpra	-1.24	0.042
Dusp26	1.13	0.095	Ptprk	-1.15	0.153	Ptprk	-1.23	0.126
Ptpn5	1.13	0.295	Dusp12	-1.14	0.128	Mtmr3	-1.22	0.123
Pten	1.14	0.167	Dusp14	-1.13	0.144	Ptpro	-1.22	0.218
Ptp4a3	1.14	0.168	Mtmr6	-1.13	0.215	Tns1	-1.17	0.244
Dusp18	1.15	0.129	Dusp7	-1.06	0.231	Ssh1	-1.16	0.121
Ptpra	1.15	0.055	Dusp22	-1.05	0.321	Dusp19	-1.14	0.336
Ptprj	1.16	0.195	Mtmr10	-1.01	0.481	Rngtt	-1.13	0.097
Sbf1	1.20	0.226	Ptpra	-1.00	0.493	Dusp12	-1.12	0.156
Dusp4	1.21	0.093	Rngtt	1.04	0.316	Ptp4a3	-1.11	0.068

<b>Cdc14b</b>	1.22	0.015	<b>Mtmr3</b>	1.04	0.415	<b>Sbf2</b>	-1.11	0.054
<b>Ptpns</b>	1.22	0.155	<b>Ptpn4</b>	1.07	0.189	<b>Ptpn21</b>	-1.09	0.369
<b>Tenc1</b>	1.22	0.027	<b>Ptpmt1</b>	1.08	0.153	<b>Cdc25b</b>	-1.09	0.089
<b>Dusp7</b>	1.23	0.005	<b>Ptpn11</b>	1.08	0.303	<b>Dusp14</b>	-1.09	0.082
<b>Ssh1</b>	1.23	0.198	<b>Ssh1</b>	1.08	0.364	<b>Dusp3</b>	-1.08	0.257
<b>Cdc25b</b>	1.23	0.288	<b>Dusp18</b>	1.09	0.369	<b>Ptpn4</b>	-1.07	0.264
<b>Ptpn13</b>	1.24	0.321	<b>Sbf2</b>	1.09	0.168	<b>Dusp7</b>	-1.05	0.242
<b>Mtmr4</b>	1.24	0.078	<b>Dusp16</b>	1.12	0.307	<b>Ptpn11</b>	-1.05	0.260
<b>Mtmr1</b>	1.24	0.019	<b>Acp1</b>	1.19	0.140	<b>Mtmr1</b>	-1.04	0.366
<b>Ptpnb</b>	1.25	0.051	<b>Cdc25a</b>	1.19	0.102	<b>Ptpn9</b>	-1.03	0.428
<b>Rngtt</b>	1.28	0.010	<b>Dusp3</b>	1.19	0.187	<b>Pten</b>	1.01	0.473
<b>Mtmr6</b>	1.28	0.011	<b>Ptpn23</b>	1.23	0.079	<b>Ptpnh</b>	1.01	0.475
<b>Mtmr12</b>	1.28	0.006	<b>Dusp1</b>	1.24	0.241	<b>Ptpmt1</b>	1.03	0.331
<b>Dusp11</b>	1.29	0.054	<b>Ptpn9</b>	1.27	0.092	<b>Dusp16</b>	1.03	0.352
<b>Ptpn9</b>	1.29	0.012	<b>Mtmr11</b>	1.31	0.217	<b>Ptpn14</b>	1.04	0.442
<b>Dusp3</b>	1.34	0.009	<b>Ptp4a3</b>	1.31	0.013	<b>Cdc25a</b>	1.06	0.293
<b>Ptpn23</b>	1.35	0.077	<b>Dusp11</b>	1.32	0.006	<b>Ptpn23</b>	1.11	0.212
<b>Mtmr9</b>	1.36	0.082	<b>Pten</b>	1.38	0.043	<b>Acp1</b>	1.13	0.250
<b>Ptpn21</b>	1.38	0.065	<b>Mtmr12</b>	1.38	0.026	<b>Dusp23</b>	1.16	0.166
<b>Ptpn11</b>	1.38	0.063	<b>Mtmr1</b>	1.40	0.025	<b>Mtmr12</b>	1.16	0.151
<b>Styx</b>	1.42	0.106	<b>Dusp23</b>	1.41	0.018	<b>Mtm1</b>	1.19	0.226
<b>Ptpro</b>	1.45	0.028	<b>Ssh3</b>	1.45	0.069	<b>Ssh2</b>	1.22	0.083
<b>Ptp4a2</b>	1.46	0.086	<b>Ptp4a2</b>	1.47	0.005	<b>Mtmr11</b>	1.22	0.170
<b>Mtmr3</b>	1.47	0.123	<b>Ptpn21</b>	1.47	0.000	<b>Dusp11</b>	1.23	0.126
<b>Dusp16</b>	1.48	0.022	<b>Styx</b>	1.49	0.009	<b>Ptpnf</b>	1.24	0.030
<b>Ptpn14</b>	1.52	0.015	<b>Mtm1</b>	1.55	0.031	<b>Styx</b>	1.27	0.034
<b>Ssh2</b>	1.63	0.084	<b>Styx11</b>	1.56	0.102	<b>Ptp4a2</b>	1.39	0.017
<b>Dusp2</b>	1.63	0.115	<b>Cdc14a</b>	1.57	0.021	<b>Ssh3</b>	1.42	0.020
<b>Ptpnk</b>	1.63	0.009	<b>Ptpn2</b>	1.74	0.014	<b>Ptpn12</b>	1.49	0.052
<b>Cdc25a</b>	1.69	0.008	<b>Ssh2</b>	1.76	0.015	<b>Ptpnj</b>	1.54	0.039
<b>Ptpn2</b>	1.72	0.124	<b>Cdc25b</b>	2.03	0.015	<b>Ptpn20</b>	1.68	0.071
<b>Cdc14a</b>	1.72	0.125	<b>Ptpnj</b>	2.14	0.001	<b>Dusp18</b>	1.68	0.019
<b>Ssh3</b>	1.74	0.089	<b>Ptpn12</b>	2.20	0.011	<b>Cdc14a</b>	1.73	0.044
<b>Dusp6</b>	1.79	0.103	<b>Dusp6</b>	2.42	0.003	<b>Dusp6</b>	1.74	0.052
<b>Ptpn12</b>	1.81	0.078	<b>Dusp19</b>	2.75	0.015	<b>Ptpn2</b>	1.84	0.049
<b>Mtmr11</b>	2.30	0.065	<b>Dusp5</b>	3.22	0.004	<b>Ptpn18</b>	2.02	0.075
<b>Ptpn22</b>	2.73	0.135	<b>Tns3</b>	3.37	0.000	<b>Ptpnq</b>	2.36	0.076
<b>Tns3</b>	2.79	0.048	<b>Cdkn3</b>	4.85	0.014	<b>Tns3</b>	2.85	0.003
<b>Dusp5</b>	3.50	0.118	<b>Cdc25c</b>	5.52	0.026	<b>Dusp5</b>	3.16	0.033
<b>Ptpnv</b>	4.20	0.083	<b>Dusp2</b>	6.03	0.005	<b>Dusp2</b>	3.27	0.004
<b>Cdkn3</b>	4.80	0.076	<b>Ptpn1</b>	6.20	0.000	<b>Cdc25c</b>	3.82	0.074
<b>Ptpn1</b>	4.93	0.076	<b>Ptpn22</b>	10.69	0.001	<b>Cdkn3</b>	3.99	0.029
<b>Cdc25c</b>	5.77	0.107	<b>Ptpnc</b>	17.96	0.000	<b>Ptpn1</b>	4.09	0.003
<b>Ptpnc</b>	7.44	0.079	<b>Ptpn6</b>	42.75	0.000	<b>Ptpn22</b>	6.73	0.005
<b>Ptpn6</b>	10.74	0.088	<b>Ptpn18</b>	ND	ND	<b>Ptpnc</b>	12.76	0.006
<b>Ptpn18</b>	ND	ND	<b>Ptpn7</b>	ND	ND	<b>Ptpn7</b>	13.42	0.013
<b>Ptpn7</b>	ND	ND	<b>Ptpnq</b>	ND	ND	<b>Ptpn6</b>	22.60	0.002
<b>Ptpnq</b>	ND	ND	<b>Ptpnv</b>	ND	ND	<b>Ptpnv</b>	ND	ND

ND: Non Determined

**Mouse cerebellum**

	<b>EAE vs SHAM (D14)</b>			<b>EAE vs SHAM (D17)</b>			<b>EAE s SHAM (D28)</b>	
	<b>Fold</b>	<b>Pvalue</b>		<b>Fold</b>	<b>Pvalue</b>		<b>Fold</b>	<b>Pvalue</b>
<b>Dusp19</b>	-4.22	0.008	<b>Dusp5</b>	-2.06	0.009	<b>Ptpn4</b>	-1.84	0.184
<b>Ptpn18</b>	-2.23	0.017	<b>Ptprd</b>	-1.88	0.010	<b>Ptprv</b>	-1.83	0.086
<b>Ptpn4</b>	-2.10	0.171	<b>Ptprr</b>	-1.87	0.033	<b>Dusp19</b>	-1.50	0.103
<b>Dusp4</b>	-1.73	0.054	<b>Ptpn5</b>	-1.86	0.001	<b>Ptpn14</b>	-1.35	0.133
<b>Dusp5</b>	-1.73	0.076	<b>Ptpro</b>	-1.85	0.023	<b>Dusp1</b>	-1.25	0.155
<b>Cdc25b</b>	-1.68	0.063	<b>Ptprk</b>	-1.84	0.010	<b>Cdkn3</b>	-1.19	0.247
<b>Dusp1</b>	-1.63	0.004	<b>Ptpn13</b>	-1.83	0.031	<b>Ptprf</b>	-1.15	0.165
<b>Mtmr3</b>	-1.58	0.125	<b>Mtmr2</b>	-1.79	0.003	<b>Ptpn18</b>	-1.13	0.278
<b>Dusp2</b>	-1.47	0.288	<b>Ptprn2</b>	-1.78	0.004	<b>Dusp4</b>	-1.11	0.351
<b>Ptpn23</b>	-1.39	0.176	<b>Ptprm</b>	-1.68	0.001	<b>Dusp18</b>	-1.05	0.403
<b>Ssh3</b>	-1.38	0.002	<b>Mtmr7</b>	-1.67	0.007	<b>Cdc14b</b>	-1.05	0.386
<b>Ptp4a3</b>	-1.37	0.179	<b>Ptprs</b>	-1.65	0.005	<b>Dusp26</b>	-1.04	0.412
<b>Acp1</b>	-1.36	0.328	<b>Rngtt</b>	-1.64	0.004	<b>Dusp12</b>	-1.02	0.446
<b>Dusp8</b>	-1.36	0.116	<b>Dusp10</b>	-1.63	0.003	<b>Mtmr3</b>	-1.02	0.462
<b>Mtmr1</b>	-1.35	0.113	<b>Dusp15</b>	-1.58	0.007	<b>Ssh3</b>	-1.01	0.374
<b>Ptprb</b>	-1.35	0.366	<b>Mtmr11</b>	-1.54	0.031	<b>Tenc1</b>	-1.00	0.481
<b>Ptprn2</b>	-1.35	0.267	<b>Sbf1</b>	-1.52	0.036	<b>Cdc25b</b>	1.01	0.484
<b>Ptprj</b>	-1.35	0.095	<b>Dusp8</b>	-1.51	0.001	<b>Dusp5</b>	1.02	0.449
<b>Ptprd</b>	-1.32	0.095	<b>Mtmr9</b>	-1.51	0.004	<b>Ptpn9</b>	1.02	0.411
<b>Ptprr</b>	-1.31	0.155	<b>Dusp1</b>	-1.48	0.012	<b>Tns3</b>	1.03	0.447
<b>Mtmr4</b>	-1.29	0.120	<b>Mtmr4</b>	-1.48	0.002	<b>Ptp4a1</b>	1.03	0.399
<b>Ptprm</b>	-1.29	0.258	<b>Mtmr6</b>	-1.47	0.003	<b>Ptp4a3</b>	1.03	0.364
<b>Ptpn9</b>	-1.28	0.041	<b>Ptprn</b>	-1.46	0.017	<b>Tns1</b>	1.04	0.292
<b>Ptpn22</b>	-1.28	0.239	<b>Epm2a</b>	-1.44	0.071	<b>Dusp22</b>	1.05	0.342
<b>Mtmr12</b>	-1.25	0.153	<b>Dusp4</b>	-1.42	0.080	<b>Dusp3</b>	1.06	0.056
<b>Ptpra</b>	-1.24	0.264	<b>Dusp18</b>	-1.42	0.071	<b>Dusp8</b>	1.06	0.322
<b>Mtmr10</b>	-1.24	0.058	<b>Ssh1</b>	-1.41	0.020	<b>Ptpn22</b>	1.07	0.287
<b>Dusp12</b>	-1.24	0.131	<b>Tenc1</b>	-1.40	0.063	<b>Dusp14</b>	1.07	0.204
<b>Sbf2</b>	-1.24	0.289	<b>Ptpn14</b>	-1.38	0.111	<b>Ptpra</b>	1.07	0.156
<b>Cdc14b</b>	-1.22	0.243	<b>Ptpn9</b>	-1.37	0.031	<b>Ssh1</b>	1.07	0.207
<b>Ptpn14</b>	-1.19	0.498	<b>Mtmr12</b>	-1.36	0.078	<b>Ptpmt1</b>	1.07	0.243
<b>Ptprz1</b>	-1.19	0.328	<b>Ptprb</b>	-1.35	0.037	<b>Mtmr4</b>	1.08	0.281
<b>Sbf1</b>	-1.19	0.399	<b>Ptpdc1</b>	-1.29	0.020	<b>Ptprn2</b>	1.08	0.350
<b>Dusp3</b>	-1.18	0.452	<b>Ptpra</b>	-1.28	0.007	<b>Dusp10</b>	1.09	0.215
<b>Epm2a</b>	-1.18	0.376	<b>Pten</b>	-1.26	0.001	<b>Ptprd</b>	1.09	0.126
<b>Pten</b>	-1.17	0.219	<b>Dusp7</b>	-1.26	0.076	<b>Ptpn23</b>	1.09	0.233
<b>Ptprn</b>	-1.17	0.415	<b>Dusp11</b>	-1.25	0.018	<b>Ptpn5</b>	1.09	0.346
<b>Mtmr7</b>	-1.16	0.410	<b>Dusp16</b>	-1.24	0.009	<b>Mtmr6</b>	1.09	0.291
<b>Dusp10</b>	-1.15	0.479	<b>Dusp12</b>	-1.24	0.002	<b>Ptprr</b>	1.09	0.198
<b>Ptpmt1</b>	-1.14	0.061	<b>Ptpn23</b>	-1.21	0.166	<b>Dusp15</b>	1.10	0.187
<b>Mtmr2</b>	-1.12	0.016	<b>Ptprz1</b>	-1.20	0.058	<b>Dusp11</b>	1.10	0.175
<b>Ptpn11</b>	-1.12	0.467	<b>Ptprg</b>	-1.20	0.009	<b>Dusp16</b>	1.10	0.199
<b>Ptprs</b>	-1.12	0.478	<b>Mtmr3</b>	-1.19	0.088	<b>Ptprz1</b>	1.10	0.106
<b>Ptpn3</b>	-1.12	0.411	<b>Dusp26</b>	-1.19	0.185	<b>Ptpn11</b>	1.10	0.173
<b>Ssh1</b>	-1.11	0.429	<b>Sbf2</b>	-1.18	0.006	<b>Mtmr1</b>	1.11	0.148
<b>Dusp11</b>	-1.11	0.432	<b>Ssh2</b>	-1.17	0.068	<b>Ptprb</b>	1.11	0.183
<b>Dusp16</b>	-1.11	0.430	<b>Mtmr10</b>	-1.15	0.138	<b>Ssh2</b>	1.12	0.270

<b>Ptprg</b>	-1.10	0.464	<b>Dusp6</b>	-1.14	0.158	<b>Ptpre</b>	1.12	0.343
<b>Rngtt</b>	-1.10	0.409	<b>Ptp4a1</b>	-1.14	0.098	<b>Sbf1</b>	1.12	0.228
<b>Dusp15</b>	-1.07	0.374	<b>Dusp3</b>	-1.13	0.209	<b>Ptpro</b>	1.12	0.323
<b>Ptprt</b>	-1.06	0.300	<b>Dusp22</b>	-1.13	0.097	<b>Mtmr2</b>	1.12	0.037
<b>Mtmr6</b>	-1.04	0.434	<b>Cdc25a</b>	-1.12	0.209	<b>Mtmr12</b>	1.13	0.126
<b>Dusp22</b>	-1.03	0.338	<b>Ptpre</b>	-1.10	0.326	<b>Ptpn1</b>	1.13	0.237
<b>Ptpn7</b>	ND	ND	<b>Ptpn21</b>	-1.09	0.310	<b>Epm2a</b>	1.13	0.300
<b>Ptpre</b>	1.01	0.261	<b>Mtmr1</b>	-1.08	0.277	<b>Ptpn2</b>	1.13	0.191
<b>Ptpn21</b>	1.01	0.304	<b>Ptp4a2</b>	-1.07	0.006	<b>Ptprs</b>	1.13	0.174
<b>Dusp26</b>	1.01	0.351	<b>Ptpn12</b>	-1.07	0.318	<b>Ptprn</b>	1.13	0.205
<b>Ssh2</b>	1.01	0.277	<b>Ptpn3</b>	-1.05	0.417	<b>Pten</b>	1.14	0.044
<b>Ptpn12</b>	1.01	0.299	<b>Ptprt</b>	-1.05	0.349	<b>Ptprt</b>	1.14	0.243
<b>Mtmr9</b>	1.02	0.217	<b>Ptpn2</b>	-1.03	0.436	<b>Ptpn12</b>	1.14	0.057
<b>Ptpn13</b>	1.03	0.443	<b>Acp1</b>	-1.03	0.310	<b>Mtmr7</b>	1.16	0.019
<b>Ptpn2</b>	1.07	0.371	<b>Ptprq</b>	-1.01	0.479	<b>Ptpre</b>	1.17	0.159
<b>Ptpn5</b>	1.07	0.321	<b>Ptpmt1</b>	-1.00	0.488	<b>Acp1</b>	1.17	0.010
<b>Ptp4a1</b>	1.08	0.326	<b>Ptprj</b>	1.00	0.500	<b>Ptp4a2</b>	1.17	0.063
<b>Dusp23</b>	1.08	0.213	<b>Ssh3</b>	1.01	0.474	<b>Rngtt</b>	1.17	0.076
<b>Tns1</b>	1.11	0.279	<b>Ptp4a3</b>	1.01	0.443	<b>Sbf2</b>	1.18	0.015
<b>Dusp18</b>	1.13	0.160	<b>Ptpn11</b>	1.02	0.400	<b>Ptprk</b>	1.19	0.326
<b>Dusp7</b>	1.13	0.184	<b>Styx</b>	1.05	0.403	<b>Mtm1</b>	1.21	0.046
<b>Cdc25a</b>	1.13	0.222	<b>Cdc14b</b>	1.06	0.280	<b>Ptprm</b>	1.21	0.034
<b>Ptp4a2</b>	1.17	0.003	<b>Ptpn22</b>	1.06	0.368	<b>Mtmr10</b>	1.23	0.008
<b>Dusp14</b>	1.20	0.275	<b>Ptprv</b>	1.08	0.426	<b>Cdc25a</b>	1.23	0.162
<b>Mtm1</b>	1.21	0.031	<b>Dusp14</b>	1.11	0.063	<b>Dusp6</b>	1.25	0.090
<b>Mtmr11</b>	1.22	0.297	<b>Dusp23</b>	1.14	0.146	<b>Ptprh</b>	1.26	0.148
<b>Ptprk</b>	1.23	0.169	<b>Tns1</b>	1.16	0.023	<b>Ptprg</b>	1.26	0.116
<b>Dusp6</b>	1.24	0.159	<b>Ptprf</b>	1.20	0.006	<b>Ptprj</b>	1.27	0.029
<b>Ptpdc1</b>	1.28	0.211	<b>Ptprh</b>	1.23	0.296	<b>Dusp7</b>	1.27	0.030
<b>Styx</b>	1.29	0.215	<b>Mtm1</b>	1.28	0.004	<b>Dusp23</b>	1.28	0.014
<b>Ptprf</b>	1.32	0.062	<b>Cdc25c</b>	1.33	0.075	<b>Ptpn3</b>	1.28	0.090
<b>Ptprv</b>	1.34	0.151	<b>Cdc14a</b>	1.34	0.071	<b>Ptpn6</b>	1.28	0.098
<b>Tenc1</b>	1.42	0.136	<b>Tns3</b>	1.40	0.010	<b>Styx</b>	1.29	0.106
<b>Ptprh</b>	1.49	0.258	<b>Ptpn4</b>	1.45	0.038	<b>Mtmr9</b>	1.29	0.074
<b>Ptpro</b>	1.52	0.126	<b>Ptpn1</b>	1.62	0.032	<b>Ptpn21</b>	1.30	0.003
<b>Ptpn20</b>	1.53	0.288	<b>Styxl1</b>	2.07	0.145	<b>Mtmr11</b>	1.36	0.102
<b>Cdc14a</b>	1.60	0.149	<b>Ptpn18</b>	2.36	0.161	<b>Cdc14a</b>	1.38	0.033
<b>Cdc25c</b>	1.77	0.042	<b>Ptpn20</b>	2.53	0.052	<b>Ptpn13</b>	1.40	0.113
<b>Ptpn1</b>	1.78	0.151	<b>Cdkn3</b>	3.08	0.020	<b>Styxl1</b>	1.40	0.012
<b>Tns3</b>	1.87	0.118	<b>Ptpn7</b>	3.18	0.054	<b>Ptpn7</b>	1.42	0.279
<b>Ptprq</b>	2.18	0.276	<b>Cdc25b</b>	3.63	0.000	<b>Ptpdc1</b>	1.50	0.024
<b>Styxl1</b>	2.24	0.196	<b>Ptpre</b>	3.78	0.010	<b>Ptprq</b>	2.14	0.307
<b>Cdkn3</b>	2.48	0.07	<b>Ptpn6</b>	7.27	0.01	<b>Cdc25c</b>	2.69	0.24
<b>Ptpre</b>	4.17	0.035	<b>Dusp2</b>	18.72	0.053	<b>Dusp2</b>	3.28	0.070
<b>Ptpn6</b>	5.42	0.046	<b>Dusp19</b>	30.01	0.002	<b>Ptpn20</b>	5.12	0.092

ND: Non Determined