

Table S3: Comparison of the fold-differences in the temporal expression of selected selenoproteins in BMDMs before and after challenge with LPS in the absence or presence of LPS by western immunoblotting and MS methodologies. WB: Western blotting; 0 Se represents no exogenous Se added; 250 nM Se represents addition of Se (as sodium selenite). Selenoproteins common in both methods are in bold.

Sl.No	Protein	Fold change WB							
		0 Se				250 nM Se			
		0 Hr	4 Hr	8 Hr	20 Hr	0 Hr	4 Hr	8 Hr	20 Hr
1	Gpx1	1.00	1.00	0.44	0.38	16.60	4.49	7.66	3.95
2	Seleno W	1.00	0.83	0.65	0.78	10.05	5.24	3.74	4.31
3	Txnrd1	1.00	4.69	3.83	4.58	17.12	9.93	10.08	9.63

Sl.No	Protein	Fold change Proteomics							
		0 Se				250 nM Se			
		0 Hr	4 Hr	8 Hr	20 Hr	0 Hr	4 Hr	8 Hr	20 Hr
1	Gpx1	1.00	0.89	0.82	0.87	4.67	4.49	4.39	5.63
2	Seleno W	1.00	0.87	0.70	0.78	6.56	6.45	6.01	5.90
3	Txnrd1	1.00	0.94	0.84	0.98	1.34	1.30	1.11	1.42
4	Msrb1	1.00	0.88	0.78	0.94	4.14	3.57	3.03	4.74
5	Selenom	1.00	0.88	1.08	0.61	3.99	3.14	3.53	2.80
6	Gpx4	1.00	0.92	0.81	0.77	1.94	1.76	1.56	1.54
7	Selenok	1.00	1.30	1.35	1.91	1.43	2.03	1.79	2.52
8	Selenos	1.00	0.88	1.09	1.23	1.33	1.33	1.31	1.78
9	Selenot	1.00	0.97	1.16	1.08	1.43	1.45	1.56	1.64
10	Selenof	1.00	0.93	1.04	0.81	1.44	1.31	1.44	1.16
11	Selenon	1.00	0.74	0.70	0.85	1.37	1.04	0.76	0.80
12	Txnrd2	1.00	0.85	0.73	0.64	1.05	0.91	0.90	0.78
13	Selenoi	1.00	0.89	0.89	0.83	0.92	0.73	0.74	0.80