

Table S3: Performance of the 52 differentially expressed proteins in CSF in the discovery cohort for predicting MS diagnosis. AUC scores in discovery and replication cohorts are shown.

Protein	Discovery		Replication	
	AUC	p-value	AUC	p-value
IL12B	0.935	6.13E-11	0.925	1.61E-08
TNFRSF13B	0.958	6.06E-12	0.897	1.17E-07
IL12A_IL12B	0.886	5.92E-09	0.882	3.20E-07
MZB1	0.985	3.74E-13	0.878	4.16E-07
CD27	0.966	2.64E-12	0.866	9.60E-07
CXCL9	0.740	1.94E-04	0.851	2.44E-06
FCRL5	0.898	2.00E-09	0.846	3.30E-06
IL1RN	0.870	2.32E-08	0.844	3.73E-06
LTA	0.895	2.58E-09	0.821	1.50E-05
CD79B	0.974	1.20E-12	0.815	2.09E-05
NEFL	0.846	1.57E-07	0.794	6.45E-05
CD6	0.799	5.04E-06	0.775	1.77E-04
CD5	0.889	4.26E-09	0.772	2.04E-04
CD40LG	0.802	4.01E-06	0.770	2.25E-04
CCL3	0.919	2.98E-10	0.761	3.45E-04
ADA2	0.910	6.57E-10	0.749	5.97E-04
SDC1	0.787	1.08E-05	0.744	7.45E-04
MMP9	0.909	7.17E-10	0.738	9.68E-04
TNFSF14	0.834	3.91E-07	0.730	1.36E-03
GZMB	0.738	2.21E-04	0.726	1.61E-03
CHI3L1	0.743	1.61E-04	0.726	1.61E-03
GZMA	0.836	3.39E-07	0.717	2.41E-03
CD48	0.882	7.88E-09	0.704	4.00E-03
CD22	0.739	2.10E-04	0.693	6.01E-03
CD300E	0.815	1.58E-06	0.687	7.44E-03
LY9	0.862	4.34E-08	0.684	8.27E-03
SLAMF7	0.731	3.26E-04	0.684	8.27E-03
KLRB1	0.715	7.60E-04	0.678	1.02E-02
FYB1	0.780	1.77E-05	0.676	1.09E-02
CST7	0.836	3.51E-07	0.664	1.67E-02
ICAM3	0.860	5.06E-08	0.662	1.77E-02
CXCL8	0.749	1.16E-04	0.648	2.72E-02
CXCL10	0.785	1.22E-05	0.646	2.88E-02
CLEC6A	0.733	2.80E-04	0.635	3.94E-02
TNFRSF1B	0.741	1.89E-04	0.632	4.28E-02
TNF	0.681	3.67E-03	0.629	4.64E-02
CCL17	0.802	4.15E-06	0.622	5.72E-02
ADAM8	0.793	7.40E-06	0.617	6.49E-02
TNFRSF9	0.808	2.62E-06	0.616	6.66E-02
CXCL11	0.772	2.95E-05	0.614	6.99E-02
FCRL1	0.856	6.88E-08	0.607	8.27E-02
CCL22	0.836	3.39E-07	0.588	1.26E-01
FASLG	0.804	3.52E-06	0.567	1.94E-01
IL18	0.736	2.39E-04	0.544	2.85E-01
IL2RA	0.765	4.45E-05	0.541	2.98E-01
CRTAM	0.705	1.25E-03	0.541	2.98E-01
PDCD1	0.778	1.94E-05	0.537	3.16E-01
GZMH	0.739	2.04E-04	0.518	4.11E-01
CXCL13	0.853	8.64E-08	0.471	6.52E-01
TYMP	0.697	1.79E-03	0.437	7.95E-01
FCN2	0.745	1.44E-04	0.404	8.96E-01
SETMAR	0.745	1.48E-04	0.385	9.33E-01