

Supplementary Table SVII. Pleiotropy and heterogeneity test results of 18 inflammatory proteins.

ID.Exposure	Exposure	SNPs	P _{heterogeneity}	P _{pleiotropy}	P _{presso}
GCST90274762	beta-nerve growth factor levels	40	0.993	0.052	0.998
GCST90274768	C-C motif chemokine 25 levels	1291	1.000	0.267	1.000
GCST90274769	C-C motif chemokine 28 levels	21	1.000	0.681	1.000
GCST90274776	Macrophage colony-stimulating factor 1 levels	150	1.000	0.491	1.000
GCST90274779	C-X-C motif chemokine 1 levels	265	1.000	0.133	1.000
GCST90274790	Fibroblast growth factor 5 levels	364	1.000	0.336	1.000
GCST90274799	Interleukin-13 levels	5	1.000	0.991	1.000
GCST90274803	Interleukin-18 levels	819	0.998	0.907	0.998
GCST90274816	Interleukin-7 levels	118	1.000	0.936	1.000
GCST90274817	Interleukin-8 levels	103	1.000	0.979	1.000
GCST90274820	Leukemia inhibitory factor receptor levels	334	1.000	0.639	1.000
GCST90274822	Monocyte chemoattractant protein 2 levels	632	1.000	0.6	0.999
GCST90274824	Monocyte chemoattractant protein-4 levels	900	0.439	0.203	0.460
GCST90274838	Transforming growth factor-alpha levels	38	1.000	0.252	1.000
GCST90274846	Tumor necrosis factor ligand superfamily member 12 levels	454	1.000	0.225	1.000
GCST90274765	C-C motif chemokine 19 levels	1710	< 0.001	0.110	< 0.001
GCST90274771	Natural killer cell receptor 2B4 levels	462	< 0.001	0.331	< 0.001
GCST90274784	C-X-C motif chemokine 9 levels	228	< 0.001	0.364	< 0.001

**SNP* single nucleotide polymorphism.