

Supplementary material table 2: Cardiorenal connector monocyte gene expression panel: differences in CRS patients at baseline (n=18) compared to healthy controls (n=12)

Inflammation related genes			Oxidative stress related genes			Renin angiotensin system related genes		
Symbol	Fold change	P-value	Symbol	Fold change	P-value	Symbol	Fold change	P-value
IL10	0.91	0.369	CCL3	0.86	0.027	GPX1	0.93	0.119
IL10RA	0.91	0.222	CCL3L1	not expressed	not expressed	GPX1	1.12	0.175
IL10RB	1.15	0.044	CCL3L3	0.77	0.019	GPX2	1.02	0.470
IL12A	not expressed	not expressed	CCL4L1	not expressed	not expressed	GPX3	0.88	0.017
IL12RB1	1.10	0.006	CCL5	0.98	0.870	GPX4	0.98	0.747
IL13RA1	1.15	0.037	CCL8	0.89	0.097	GPX4	1.01	0.940
IL17C	1.03	0.471	CXCL10	0.94	0.506	GPX6	1.01	0.741
IL17D	1.04	0.404	CXCL12	not expressed	not expressed	GPX7	0.95	0.380
IL17E	not expressed	not expressed	CXCL14	0.98	0.680	PRDX1	0.98	0.756
IL17R	1.19	0.012	CXCL16	0.90	0.218	PRDX1	0.98	0.862
IL1B	0.82	0.080	CXCL9	not expressed	not expressed	PRDX2	0.89	0.167
IL1F7	0.96	0.664	CXCR4	0.90	0.221	PRDX3	0.85	0.061
IL1F8	not expressed	not expressed	CCR1	1.09	0.206	PRDX4	1.04	0.548
IL1R2	0.83	0.044	CCR10	not expressed	not expressed	PRDX5	0.91	0.277
IL1RAP	0.89	0.017	CCR2	1.11	0.274	PRDX5	0.98	0.776
IL1RL1	0.97	0.382	CCR6	1.02	0.791	PRDX5	1.02	0.779
IL1RN	0.94	0.052	CCR7	not expressed	not expressed	PRDX6	0.99	0.916
IL21	not expressed	not expressed	CX3CR1	1.49	0.0002	TXNRD1	1.05	0.390
IL21R	1.10	0.066	CCXCR1	not expressed	not expressed	TXNRD1	0.99	0.901
IL27	1.03	0.472	TLR1	1.05	0.615	TXNRD2	1.04	0.618
IL27RA	1.22	0.001	TLR10	not expressed	not expressed	SRXN1	1.01	0.897
IL2RG	not expressed	not expressed	TLR2	1.16	0.015	SELS	0.94	0.060
IL4I1	not expressed	not expressed	TLR4	0.99	0.864	DHRS9	1.33	0.006
IL4R	1.12	0.151	TLR5	0.97	0.741	GSR	0.97	0.356
IL5RA	1.03	0.587	TLR6	1.09	0.021	SOD1	1.02	0.800
IL6	not expressed	not expressed	TLR7	1.20	0.040	SOD2	0.93	0.213
IL6R	0.92	0.317	TLR8	1.03	0.407	SOD2	0.95	0.582
IL8	0.58	0.001	TLR9	not expressed	not expressed	SOD2	0.99	0.901
IL8RB	0.87	0.079	IRF1	1.00	0.988	CCS	0.92	0.182
IFNA10	1.06	0.577	IRF3	1.04	0.536	CCS	1.06	0.356
IFNA14	not expressed	not expressed	IRF4	1.02	0.798	CYBA	1.08	0.167
IFNA21	1.01	0.824	IRF5	1.44	0.051	DUOX1	1.01	0.752
IFNA8	1.00	0.945	IRF7	1.09	0.359	NCF1	0.93	0.376
IFNAR1	1.06	0.530	IRF8	1.11	0.136	NCF2	1.00	0.964
IFNAR2	1.07	0.410				NOS3	0.98	0.372
IFNGR1	1.10	0.123				NOX4	0.99	0.719
IFNGR2	1.08	0.298				NOX5	1.05	0.052
TNF	1.06	0.360				PREX1	1.09	0.212
CCL19	0.97	0.419				ALOX15	0.98	0.458
CCL2	0.77	0.008				ALOX15B	0.93	0.084
CCL21	not expressed	not expressed				ALOX15B	0.97	0.401
CCL23	1.02	0.618				ALOX15B	0.99	0.832
CCL25	1.03	0.368				ALOX5	1.03	0.322
CCL26	0.99	0.813				ALOX5	1.04	0.634
CCL27	not expressed	not expressed				ALOX5AP	1.11	0.283
CCL28	not expressed	not expressed				ALOXE3	1.01	0.741
						DUSP1	0.68	0.003
						MPO	0.92	0.175