Supplementary Table S1 GSEA analysis

ID	Description	setSize	enrichmentScore	NES	pvalue	rank	leading_edge	core_enrichment
KEGG_ALLOGRAFT_REJECTION	KEGG_ALLOGRAFT_REJECTION	22	0.9894001	1.731723	0.002301	9	tags=100%, list=1%, signal=99%	HLA-DRA/HLA-DPB1
KEGG_ASTHMA	KEGG_ASTHMA	22	0.9894001	1.731723	0.002301	9	tags=100%, list=1%, signal=99%	HLA-DRA/HLA-DPB1
WP_SPINAL_CORD_INJURY	WP_SPINAL_CORD_INJURY	129	0.5840985	-2.006026	0.000910	1	tags=67%, list=16%, signal=57%	PTGS2/GADD45A/FOS/GRIN1/CCL2/EGR1/ZFP36/PDYN
REACTOME_NEUTROPHIL_DEGRANULATION	REACTOME_NEUTROPHIL_DEGRANULATION	208	0.4678191	2.102571	0.000111	9	tags=50%, list=15%, signal=44%	DSP/HSPA6/CTSH/C3/PTPRC/TTR/PGM2/TYROBP/CYBA/GLIPR1
PID_AP1_PATHWAY	PID_AP1_PATHWAY	89	0.7016471	-2.102734	0.000111	9	tags=75%, list=15%, signal=65%	FOS/CCL2/DUSP1/EGR1/PENK/FOSL2
WP_PANCREATIC_ADENOCARCINOMA_PATHWAY	WP_PANCREATIC_ADENOCARCINOMA_PATHWAY	55	0.7963087	-2.001555	0.001554	1	tags=100%, list=21%, signal=79%	PIK3CD/PLD1/GADD45A/VEGFA