

a) Nerve Lysate WT naïve vs WT CCI D7 ST		
Mediator	Function	Fold change
Eotaxin-1 (CCL11)	chemotactic for eosinophils, basophils, implicated in allergic responses	1,94
Granulocyte colony-stimulating factor (GCSF)	stimulates growth of progenitors of mono, neutro, eosino and baso; activates macrophages	1,95
IL1-beta	induces IL-1,6,8, TNF, GM-CSF by macrophages; proinflammatory	1,90
IL2	promotes the differentiation of immature T cells into regulatory T cells; pro-inflammatory	1,59
IL6	pro-inflammatory cytokine; anti-inflammatory myokine; secreted by T cells and macrophages	2,22
metallopeptidase inhibitor 1 (TIMP-1)	tissue inhibitor of metalloproteinases	4,71
sTNF RI	endogenous inhibitors of TNF	2,61
Eotaxin-1 (CCL11)	chemotactic for eosinophils, basophils, implicated in allergic responses	1,94
b) Serum WT naïve vs WT CCI D7 ST		
Mediator	Function	Fold change
CD30LG	cell membrane protein of the tumor necrosis factor receptor family	1,80
Eotaxin-1 (CCL11)	chemotactic for eosinophils, basophils, implicated in allergic responses	2,65
Eotaxin-2 (CCL24)	chemotactic for basophils, Th2 lymphocytes, and tryptase-chymase mast cells	3,46
Granulocyte colony-stimulating factor (GCSF)	stimulates growth of neutro progenitors	2,48
IL-1 beta	induces IL-1,6,8,TNF, GM-CSF by macrophages; proinflammatory	-1,76
IL-6	pro-inflammatory cytokine; anti-inflammatory myokine; secreted by T cells and macrophages	-2,10
IL-12 p40/p70	inflammatory cytokine inducer	-1,86
Keratinocyte-derived chemokine (KC)/chemokine (C-X-C motif) ligand 1	recruits and activates leukocytes	-1,77
TNF alpha	inflammation; induces cytokine secretion; activates macrophages	-1,56
sTNF R I	endogenous inhibitors of TNF	-1,53
sTNF R II	endogenous inhibitors of TNF	-1,86
MIP-1 alpha (CCL3)	chemotactic for monocytes/macrophages, T lymphocytes, basophils and eosinophils	-2,11