

Figure 5

Legend for up-regulated gene sets							Legend for down-regulated gene sets					
q-value	0.0	0.001	0.01	0.05	0.2	1	1	0.2	0.05	0.01	0.001	0.0
Color												
Rank	3DHLK versus 3DHL	3DHLK versus CS	3DHLK versus HM	3DHL versus CS	3DHL versus HM	CS versus HM	Function					
1							PROTEINACEOUS_EXTRACELLULAR_MATRIX					
1							PEPTIDE_RECEPTOR_ACTIVITY					
1							EXTRACELLULAR_MATRIX					
1							REACTOME_AMINE_LIGAND_BINDING_RECEPTORS					
1							RHODOPSIN_LIKE_RECEPTOR_ACTIVITY					
1							AMINE_RECEPTOR_ACTIVITY					
1							VOLTAGE_GATED_POTASSIUM_CHANNEL_COMPLEX					
1							EXTRACELLULAR_REGION_PART					
1							VOLTAGE_GATED_POTASSIUM_CHANNEL_ACTIVITY					
1							EXTRACELLULAR_REGION					
1							EXTRACELLULAR_SPACE					
12							NETPATH_IL4_UP					
13							NEUROPEPTIDE_RECEPTOR_ACTIVITY					
14							GLUTAMATE_RECEPTOR_ACTIVITY					
15							REACTOME_PHASE_1_FUNCTIONALIZATION_OF_COMPOUNDS					
16							G_PROTEIN_COUPLED_RECEPTOR_ACTIVITY					
17							NEUROPEPTIDE_BINDING					
18							CELL_SURFACE					
19							EXTRACELLULAR_MATRIX_PART					
20							SECOND_MESSENGER_MEDIATED_SIGNALING					
21							POTASSIUM_CHANNEL_ACTIVITY					
22							CELL_MIGRATION					
23							NETPATH_TGF_BETA_RECEPTOR_DOWN					
24							NETPATH_LEPTIN_DOWN					
25							G_PROTEIN_SIGNALING_COUPLED_TO_IP3_SECOND_MESSENGER_PHOSPHOLIPASE_C					
26							REACTOME_PEPTIDE_LIGAND_BINDING_RECEPTORS					
27							REACTOME_NCAM1_INTERACTIONS					
28							ACETYLCHOLINE_BINDING					
29							KEGG_COMPLEMENT_AND_COAGULATION_CASCADES					
30							AMINE_BINDING					