

**Supplementary table 5: Top DGCA intermodular pairs unique to Type 1 patients**

mod1	mod2	mod1.annot	mod2.annot	-/0	+/0	0/-	0/+	type1.ttls	type2.ttls
3.19.210	10.159.374	GTPase.regulator.activity,interleukin-18-mediated.signaling.pathway	system.process,protein.heterodimerization.activity	144	179	45	18	323	63
7.49.273	2.11.162	neg.reg.of.extrinsic.apoptotic.signaling.pathway,porphyrin-containing.compound.biosynthetic.process	Plasma-Cell. response.to.unfolded.protein	28	302	69	42	330	111
7.49.271	2.11.162	stem.cell.population.maintenance,maintenance.of.cell.number	Plasma-Cell. response.to.unfolded.protein	28	283	96	12	311	108
8.67.299	3.15.175	Monocyte/Myeloid.Cell. pattern.recognition.receptor.signaling.pathway	Neutrophil. cell.activation.involved.in.immune.response	131	575	28	14	706	42
3.15.180	3.15.175	response.to.nitrogen.compound,reg.of.hormone.secretion	Neutrophil. cell.activation.involved.in.immune.response	187	470	15	13	657	28
6.35.228	3.15.175	protein-DNA.complex,chromatin	Neutrophil. cell.activation.involved.in.immune.response	236	320	36	48	556	84
3.15.178	3.15.175	odontogenesis,trans-Golgi.network	Neutrophil. cell.activation.involved.in.immune.response	226	188	4	13	414	17
3.19.210	3.15.175	GTPase.regulator.activity,interleukin-18-mediated.signaling.pathway	Neutrophil. cell.activation.involved.in.immune.response	142	198	47	38	340	85
6.37.240	3.15.175	neurotransmitter.metabolic.process,reg.of.Wnt.signaling.pathway	Neutrophil. cell.activation.involved.in.immune.response	85	254	8	11	339	19
6.35.229	3.15.175	nervous.system.development,RAGE.receptor.binding	Neutrophil. cell.activation.involved.in.immune.response	121	183	3	6	304	9
3.18.208	3.15.175	postsynaptic.endosome,galactoside.binding	Neutrophil. cell.activation.involved.in.immune.response	162	137	37	25	299	62
6.39.248	3.15.175	IFN. nucleic.acid.metabolic.process	Neutrophil. cell.activation.involved.in.immune.response	24	237	53	19	261	72
3.19.210	3.18.208	GTPase.regulator.activity,interleukin-18-mediated.signaling.pathway	postsynaptic.endosome,galactoside.binding	182	184	17	23	366	40
6.35.228	3.18.208	protein-DNA.complex,chromatin	postsynaptic.endosome,galactoside.binding	138	181	23	13	319	36
6.42.256	5.23.222	Cell.Cycle. mitotic.cell.cycle	B.cells. extracellular.matrix.organization	180	75	17	52	255	69
6.36.230	6.35.229	Monocyte. response.to.virus	nervous.system.development,RAGE.receptor.binding	141	213	6	7	354	13
9.100.332	6.36.230	cytosolic.large.ribosomal.subunit,structural.constituent.of.ribosome	Monocyte. response.to.virus	103	509	47	23	612	70