

Biological Functions	Both (73)	Human (61)	Golden Hamster (84)
1. Lipid metabolism	18	5	11
1.1 Lipid transport	(12): <u>APOA2, APOA4, APOB, APOC1, APOA1, APOC3, APOE, APOH, APOM, CETP, APOC2, APOC4</u>	(4): APOA5, APOD, APOF, APOL1	
1.2 Lipid Metabolism	(6): <u>LCAT, PLTP, AZGP1, ALB</u> , LDLR, RBP4	(1): LPA	(11): DBI, BPIFA2, PSAP, ANGPTL8, SNCA, SERPINA6, PCSK9, SCGB1A1, POSTN, ITGA2, GPLD1
2. Immunity	33	28	23
2.1 Complement activation	(5): <u>C3, CFB, CFD, CLU, IGHM</u>	(4): C4B, C9, CFHR4, C4BPA	(9): C2, C4, CFH, CFI, CFP, ITGAM, ITGB2, CFP, CFHRP
2.2 Inflammatory response	(14): <u>AHSG, HP, ORM1, PPBP, SAA1, SAA2, SERPINA1, SERPINC1, SERPINF2, SERPING1, THBS1, FN1, ITIH4, SERPINF1</u>	(6): AGT, IGFBP4, ORM2, PARK7, PF4, PLA2G7	(5): APCS, ICAM1, VCAM1, SAA3, SAA5
2.3 Immune Response	(14): A1BG, ACTB, <u>AMBP, B2M, CAMP, CRP, CST3, GSN, HPX, KRT1, PPIA, TF, TTR, VTN</u>	(18): CD5L, CHGA, CNN2, COL1A1, IGHA1, IGHG1, IGHG2, IGHG3, IGHV3-74, IGKC, IGLC2, JCHAIN, LBP, DEFA1, LRG1, NAPRT, UBB, SERPINA3	(9): CRIP1, CST6, DSC1, IHH, KRT6A, MB, POMC, RPS27A, TREML1
3. Coagulation	9	2	9
	(9): <u>A2M, CFL1, F2, FGA, HBB, KNG1</u> , PLG, SERPIND1, F5	(2): FBLN1, FLNA	(9): F13A1, FGB, FGG, HRG, ITGB1, ITIH3, KLKB1, TFPI, TMSB4X
4. Redox activity	3		4
	(3): <u>PCYOX1, PON1, GPX3</u>		(4): PRDX2, BLVRB, CP, TRX
5. Others	10	26	38
	(10): ANG, ARHGDIB, <u>HBA, ITIH2, KRT2, PFN1, SFTPB, TXN, VTDB</u> , KRT10	(26): AHNAK, BASP1, CCDC40, CSRP1, FERMT3, HPR, IGFBP2, IGFBP3, KRT33B, KRT83, KRT9, MENT, MTPN, OTOF, PDLIM1, PON3, POTEI, RNASE4, SAA2-SAA4, SH3BGRL3, SYNE1, TAGLN2, TGOLN2, TLN1, TPM4, UBTf	(37): AFM, ANTXR1, ARHGDIB, CA1, TNA, CNDP1, CST6, EIF5A, FAM171B, FETUB, GC, HBA, HBZ, HPP, ITIH1, ITIH4, and so on.