

**Table 5**

Top ten upregulated and downregulated unique genes and their fold-change (FC) in each group (In group II, only five unique genes are downregulated).

Group 1		Group II		Group III		Group IV	
Gene	FC	Gene	FC	Gene	FC	Gene	FC
LOC100127940	2.8	RP-3377H14.5	2.4	DDX3Y	4.6	IL1F9	2.5
PDCD6	2.4	ZFYVE16	2.2	EIF1AY	3.2	IL23A	2.5
AHRR	2.4	TGFBR1	2.2	HELB	3	TUB	2.4
CD1B	2.4	MARCH6	2.2	LOC100130224	2.9	GJB2	2.3
KIT	2.4	CAPZA1	2.2	UTY	2.9	CD22	2.3
CADM1	2.3	KIAA0319	2.2	ADORA3	2.9	FAF1	2.3
MMP7	2.3	DHX36	2.2	ARNT2	2.9	MB0AT7	2.3
C20orf197	2.3	DLGAP4	2.1	CXCL14	2.6	SULT2A1	2.3
RNF144A	2.2	RIF1	2.1	TMEM61	2.6	TMEM88	2.3
MYO1B	2.2	NT5C2	2.1	PPARGC1B	2.6	CHST7	2.3
SGK493	-2.0	TIFAB	-2.0	C1orf201	-2.5	VASH1	-2.3
ALS2CR4	-2.1	CCDC42	-2.2	ST3GAL3	-2.5	LINC00607	-2.3
ENPP5	-2.2	HBE1	-2.2	APOOL	-2.6	KLHDC7B	-2.3
FLJ14082	-2.2	NAPSB	-2.2	IL28RA	-2.6	DHODH	-2.3
LOC1441204	-2.2	C4orf7	-3.8	ZNF624	-2.6	CDDC113	-2.3
LOC100134569	-2.2			SMAD5	-2.6	IGF2BP3	-2.3
FAM101A	-2.7			NRP1	-2.6	C3orf27	-2.3
LOC92270	-2.8			LOC654342	-2.6	ZNF618	-2.3
HPR	-2.9			TSIX	-3.3	AKR1C4	-2.4
HP	-2.9			XIST	-4.1	LOC401321	-2.4

