

Supplementary Table 5. KEGG analysis of mRNAs in WM-related CEN

Term	Count	Pvalue	Gene
hsa01100:Metabolic pathways	36	0.003198261	ATP6V1A, GALNT15, HEXB, GBE1, FAXDC2, HSD17B3, CPOX, PIK3C2B, AGPAT4, UGT8, LDHA, MAN2A2, MAN2A1, RFK, PGK1, MAN1C1, MPST, CYP2J2, B3GALNT1, GALNT6, ARG2, TPI1, GCH1, MMAB, SPHK1, C1GALT1, CYP4F3, NME1, TST, ATP6V1B2, SMS, HPRT1, DHCR7, BCAT1, ALDOA, MGLL
hsa00270:Cysteine and methionine metabolism	4	0.031772014	MPST, LDHA, TST, SMS
hsa04915:Estrogen signaling pathway	6	0.034758077	SHC4, MAP2K1, HSP90AB1, HSPA2, PRKACB, GNAI1
hsa01230:Biosynthesis of amino acids	5	0.042510774	ARG2, TPI1, PGK1, ALDOA, BCAT1