

Sample	GO Term	Genes	P-value
A549 A549	Cytoplasmic translation Translation	RPL34, RPS21 RPL34, RPS21	$1.467 \times 10^{-2}$ $3.040 \times 10^{-2}$
HepG2 HepG2 HepG2 HepG2 HepG2 HepG2 HepG2	Translation Intracellular iron ion homeostasis Cytoplasmic translation Intracellular sequestering of iron ion Translational elongation Iron ion transport Ribosomal small subunit biogenesis	EEF1A1, RPS19, RPL13, RPS12 MT-RNR2, FTH1, FTL RPS19, RPL13, RPS12 FTH1, FTL EEF1A1, EEF1B2 FTH1, FTL RPS19, RPS12	$2.172 \times 10^{-4}$ $7.332 \times 10^{-4}$ $1.528 \times 10^{-3}$ $4.250 \times 10^{-3}$ $1.150 \times 10^{-2}$ $1.630 \times 10^{-2}$ $4.526 \times 10^{-2}$
HCT116 HCT116 HCT116	Regulation of translation Negative regulation of translation Cytoplasmic translation	RPS3, RPL38, GAPDH RPS3, RPL13A, GAPDH RPL4, RPS6, RPL13A, RPSA, RPL7A, RPS29, RPS3, RPL14, RPLP2, RPL13, RPS20, RPL38, RPS2, RPL28	6.151 × 10 <sup>-3</sup> 6.525 × 10 <sup>-3</sup> 1.008 × 10 <sup>-24</sup>
HCT116	Translation	RPL4, RPS6, RPL13A, RPSA, EEF1A1, RPL7A, RPS29, RPS3, RPL14, RPLP2, RPL13, RPS20, RPL38, RPS2, RPL28	1.566 × 10 <sup>-22</sup>