

Analysis2_DR_GO_Top20 (with values)

chromosome segregation	16.3		
nuclear division	14.79		
nuclear chromosome segregation	14.46		
sister chromatid segregation	14.4		
mitotic sister chromatid segregation	14.34		
mitotic nuclear division	13.2		
mitotic cell cycle phase transition	11.01		1.49
chromosome separation	10.26		
spindle organization	9.04		
regulation of chromosome separation	8.97		
regulation of cell cycle phase transition	8.96		1.44
microtubule cytoskeleton organization involved in mitosis	8.77		
negative regulation of cell cycle process	8.71		
cell cycle checkpoint signaling	8.52		
negative regulation of metaphase/anaphase transition of cell cycle	8.48		
negative regulation of chromosome separation	8.48		
regulation of mitotic sister chromatid separation	8.38		
negative regulation of cell cycle phase transition	8.38		
negative regulation of chromosome segregation	8.2		
mitotic spindle organization	8.06		
mitochondrial translation		5.91	
mitochondrial gene expression		5.53	
cytoplasmic translation	1.71	5.18	
cellular oxidant detoxification		2.6	
cell redox homeostasis		2.15	
translation at presynapse		2.12	
myeloid cell activation involved in immune response	2.57	2.12	2.75
translation at synapse		2.11	
translation at postsynapse		2.11	
response to oxidative stress	2.6	1.91	1.18
leukocyte degranulation	2.62	1.71	1.83
reactive oxygen species metabolic process		1.71	
cellular detoxification	1.2	1.65	
rRNA metabolic process	2.7	1.65	
rRNA processing	2.25	1.65	
detoxification	0.82	1.65	
cellular response to chemical stress	0.87	1.63	0.89
purine nucleoside triphosphate biosynthetic process		1.63	
protein localization to axon		1.63	
cellular respiration		1.61	
lymphocyte differentiation	1.14		11.76
muscle cell differentiation			9.33
regulation of epithelial cell proliferation	0.82		8.75
heart morphogenesis			8.47
muscle cell proliferation			8.25
regulation of miRNA metabolic process			8.07
T cell differentiation			7.96
miRNA metabolic process			7.79
striated muscle tissue development			7.66
positive regulation of epithelial cell proliferation		0.58	7.48
regulation of smooth muscle cell proliferation			7.05
cell migration involved in sprouting angiogenesis			6.87
artery development	0.91		6.83
smooth muscle cell proliferation			6.75
epithelial tube morphogenesis			6.68
sprouting angiogenesis			6.6
respiratory system development			6.55
regulation of miRNA transcription			6.55
aorta development	0.86		6.48
outflow tract morphogenesis			6.42

EXvsDR

KDvsDR

KD_EXvsDR

–log₁₀(P_{adj})

16

12

8

4