

Rank	Pathway Name	q-value FDR B&H	Bonferroni
1	Spliceosome	1.07E-03	2.16E-03
2	mRNA processing	1.07E-03	2.60E-03
3	Cytoskeletal regulation by Rho GTPase	1.07E-03	3.74E-03
4	Double-Strand Break Repair	1.07E-03	4.26E-03
5	Nicotinic acetylcholine receptor signaling pathway	2.04E-03	1.12E-02
6	Processing of DNA ends prior to end rejoining	2.04E-03	1.22E-02
7	Non-homologous end joining	2.56E-03	1.83E-02
8	mRNA Splicing - Major Pathway	2.56E-03	2.52E-02
9	mRNA Splicing	2.56E-03	2.52E-02
10	Nonhomologous End-joining (NHEJ)	2.56E-03	2.56E-02
11	2-LTR circle formation	3.10E-03	3.41E-02
12	Processing of Capped Intron-Containing Pre-mRNA	5.40E-03	6.49E-02
13	Integration of provirus	6.74E-03	9.44E-02
14	Non-homologous end-joining	6.74E-03	9.44E-02
15	IRF3-mediated induction of type I IFN	7.33E-03	1.10E-01
16	STING mediated induction of host immune responses	1.02E-02	1.64E-01
17	Telomeres, Telomerase, Cellular Aging, and Immortality	1.02E-02	1.84E-01
18	Early Phase of HIV Life Cycle	1.02E-02	1.84E-01
19	Inflammation mediated by chemokine and cytokine signaling pathway	1.02E-02	1.94E-01
20	Salmonella infection	1.12E-02	2.25E-01