

A

Category 1	All	Intestine_only_RGS	<i>p value</i>
Stress response	833	91	1.91E-21
Proteolysis proteasome	730	81	1.01E-19
Transcription factor	581	64	6.51E-16
TM transport	901	69	2.63E-10
Metabolism	1601	81	3.59E-10
Unassigned	6343	303	6.30E-05
Total genes	31389	964	

B

Category 1	Assigned only`	Intestine_only_RGS	<i>p value</i>
Stress response	833	91	1.06E-15
Proteolysis proteasome	730	81	1.50E-14
Transcription factor	581	64	8.26E-12
TM transport	901	69	8.90E-07
Metabolism	1601	81	0.017721
Total genes	25046	661	

C

Category 1	All	Neurons_only_RGS	<i>p value</i>
Neuronal function	308	149	2.28E-111
Cilia	60	25	1.85E-19
Globin	36	19	1.21E-16
TM protein	3200	176	3.13E-15
TM transport	901	74	5.79E-15
Signaling	1188	84	2.14E-13
Unassigned	6343	198	0.035747
Total genes	31389	833	

D

Category 1	Assigned only`	Neurons_only_RGS	<i>p value</i>
Neuronal function	308	149	3.05E-98
Cilia	60	25	3.00E-17
Globin	36	19	6.18E-15
TM protein	3200	176	1.35E-10
TM transport	901	74	6.21E-09
Signaling	1188	84	2.48E-08
Total genes	25046	635	