

GO category	Gene count	GO category	Gene count
<b>Known miRNAs</b>		<b>Novel miRNAs</b>	
<b>cellular component</b>		<b>cellular component</b>	
extracellular region	1	extracellular region	67
cell	37	cell	368
membrane	5	nucleoid	1
cell junction	1	membrane	146
macromolecular complex	1	cell junction	68
organelle	36	extracellular matrix	3
organelle part	20	membrane-enclosed lumen	20
membrane part	1	macromolecular complex	52
cell part	37	organelle	342
		extracellular region part	6
<b>molecular function</b>		organelle part	108
nucleic acid binding	30	membrane part	43
transcription factor activity		cell part	372
catalytic activity	8		
transporter activity	1	<b>molecular function</b>	
binding	36	nucleic acid binding	
		transcription factor activity	39
enzyme regulator activity	3	catalytic activity	366
<b>biological process</b>		receptor activity	15
reproduction	29	structural molecule activity	4
immune system process	1	transporter activity	15
metabolic process	26	binding	241
cellular process	32	electron carrier activity	7
reproductive process	29	antioxidant activity	1
biological adhesion	4	enzyme regulator activity	14
signaling	12	molecular transducer activity	19
multicellular organismal process	19		
developmental process	33	<b>biological process</b>	
growth	19	reproduction	137
rhythmic process	4	immune system process	49
response to stimulus	21	metabolic process	474
localization	9	cell proliferation	7
establishment of localization	3	cellular process	327
multi-organism process	5	viral reproduction	2
biological regulation	37	death	13
cellular component	28	reproductive process	135
organization or biogenesis		biological adhesion	4
		signaling	93
		multicellular organismal process	151
		developmental process	199
		growth	64

locomotion	2
pigmentation	12
rhythmic process	9
response to stimulus	253
localization	124
establishment of	110
localization	
multi-organism process	91
biological regulation	230
cellular component	
organization or	195
biogenesis	

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