

Table 1 GO functional categories of *Rhododendron lapponicum* transcripts

GO annotation	GO function classification	Number
Cellular Component	Extracellular region	861
	Cell	13 394
	Nucleoid	10
	Membrane	7 904
	Virion	6
	Cell junction	634
	Extracellular matrix	8
	Membrane-enclosed lumen	353
	Macromolecular complex	3 616
	Organelle	9 656
	Extracellular matrix part	8
	extracellular region part	24
	Organelle part	4 895
	Virion part	6
	Membrane part	3 966
	Cell part	13 440
Molecular Function	Protein binding transcription factor activity	50
	Nucleic acid binding transcription factor activity	501
	Catalytic activity	18 900
	Receptor activity	194
	Guanyl-nucleotide exchange factor activity	36
	Structural molecule activity	959
	Transporter activity	2 405
	Binding	16 707
	Electron carrier activity	614
	Antioxidant activity	220
	Metallochaperone activity	8
	Enzyme regulator activity	323
	Protein tag	10
	Nutrient reservoir activity	25
	Molecular transducer activity	469
	Biological Process	Reproduction
Cell killing		96
Immune system process		438
Metabolic process		23 749
Cellular process		19 892
Reproductive process		1 369
Biological adhesion		160
Signaling		1 593
Multicellular organismal process		2084
Developmental process		2827
Growth		553
Locomotion		33
Single-organism process		16 672
Biological phase		136
Rhythmic process		100
Response to stimulus		6 515
Localization	5 341	
Multi-organism process	1 054	
Biological regulation	5 966	
Cellular component organization or biogenesis	3 722	

