

Table 1 Suppl. Part of 42 primer pairs with validated polymorphisms. PIC - polymorphism information content.

No.	Primer sequence (5'-3')	Product size [bp]	PIC
3	forward: AACACAATACTGTCAGCAACGA reverse: TCTCGTTGAGTTCATTGTCTCTG	121	0.4956
5	forward: AACACAATACTGTCAGCAACGA reverse: CGTTGAGTTCATTGTCTCTGGAT	118	0.6725
9	forward: ATTAAGCCACCAAGCAACTACTG reverse: TCCTAGAGAGAACCTTCGGGTAG	159	0.4364
10	forward: ATTAAGCCACCAAGCAACTACTG reverse: ATCCTAGAGAGAACCTTCGGGTG	160	0.6589
11	forward: TCACAATCCAATTTACACCATCA reverse: GAGATTGCTTAGAGCCAGAGGAC	160	0.5105
12	forward: TCACAATCCAATTTACACCATCA reverse: GAGATTGCTTAGAGCCAGAGGA	160	0.6431
15	forward: TTCAAGTAGGATGATGAACAACAA reverse: GGAAGAGGAGAAAGCTAGAATGC	157	0.3648
17	forward: CCAACAAAAGGAGCAAGATAAAA reverse: ATGTTACTAGCTTCCCCTTGACC	90	0.6431
25	forward: CTCTTCGAGTGATGAGGAAGAAG reverse: CCAGATATCTTCCCCTTGATCTT	99	0.5186
27	forward: AAAATCTTGCTCGGAAAAATCAG reverse: AACATTTTCCACCACTAGGTCAA	153	0.5369

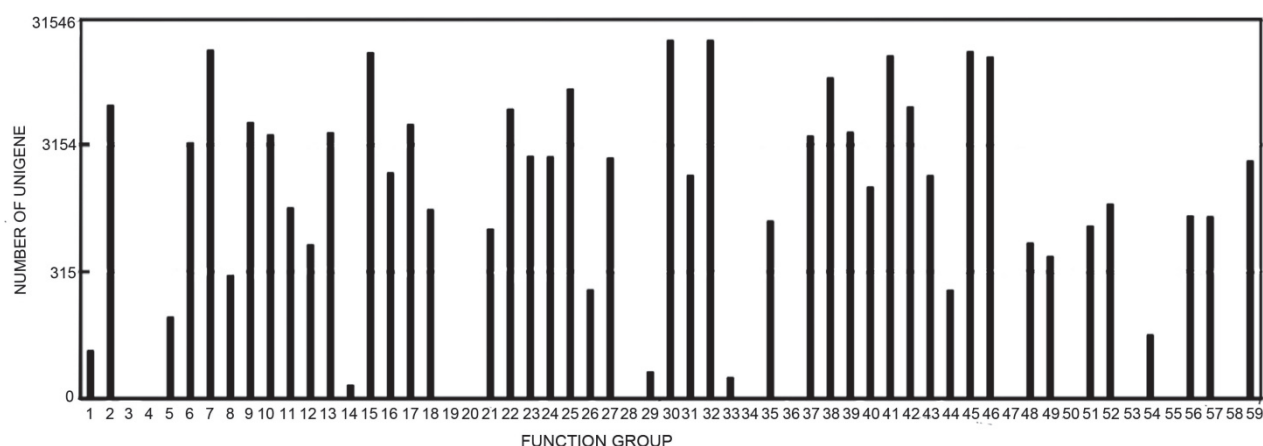


Fig. 1 Suppl. Gene ontology classification of assembled unigenes. The results are summarized in three main categories: biological process, cellular component and molecular function. In total, 31, 546 unigenes with *BLAST* matches to known proteins were assigned to 59 functional groups. 1: biological adhesion; 2: biological regulation; 3: carbon utilization; 4: cell killing; 5: cell proliferation; 6: cellular component organization or biogenesis; 7: cellular process; 8: death; 9: developmental process; 10: establishment of localization; 11: growth; 12: immune system process; 13: localization; 14: locomotion; 15: metabolic process; 16: multi-organism process; 17: multicellular organism process; 18: negative regulation of biological process; 19: nitrogen utilization; 20: pigmentation; 21: positive regulation of biological process; 22: regulation of biological process; 23: reproduction; 24: reproductive process; 25: response to stimulus; 26: rhythmic process; 27: signaling; 28: sulfur utilization; 29: viral reproduction; 30: cell; 31: cell junction; 32: cell part; 33: extracellular matrix; 34: extracellular matrix part; 35: extracellular region; 36: extracellular region part; 37: macromolecular complex; 38: membrane; 39: membrane part; 40: membrane-enclosed lumen; 41: organelle; 42: organelle part; 43: symplast; 44: antioxidant activity; 45: binding; 46: catalytic activity; 47: channel regulator activity; 48: electron carrier activity; 49: enzyme regulator activity; 50: metallochaperone activity; 51: molecular transducer activity; 52: nucleic acid binding transcription factor activity; 53: nutrient reservoir activity; 54: protein binding transcription factor activity; 55: protein tag; 56: receptor activity; 57: structural molecular activity; 58: translation regulator activity; 59: transporter activity.