

Marker	Size (bp)	Score	E value	Location	Gene
LABG1	170	121	$4 \times 10^{-10}$	BTA-1	Thymosin beta-4
LABG2	238	231	$2 \times 10^{-108}$	BTA-14	RNA-binding Raly-like protein
LABG3	155	121	$2 \times 10^{-10}$	Un	No corresponding gene found during genome BLAST
LABG4	134	131	$9 \times 10^{-59}$	BTA-5	Ras-related and estrogen-regulated growth inhibitor
LABG5	190	306	$1 \times 10^{-71}$	BTA-5	BAG family molecular chaperone regulator 1
LABG6	570	991	0.0	BTA-11	Spermatid perinuclear RNA-binding protein
LABG7	498	714	0.0	Un	Similar to PTK2 protein
LABG8	99	66	$1 \times 10^{-06}$	BTA-23	Hereditary hemochromatosis protein precursor
LABG9	127	70	$2 \times 10^{-07}$	BTA-1	Golgin subfamily B member 1 isoform X1
LABG10	99	48	0.11	BTA-3	Chromodomain-helicase-DNA-binding protein 1-like
LABG11	107	113	$2 \times 10^{-22}$	BTA-6	E3 ubiquitin protein ligase LNX