| Chr | Start | End | GeneID | ProteinName | InAmplification |
| --- | --- | --- | --- | --- | --- |
| 9 | 333 | 1,019 | UMAG\_11064 | NUMOD1 domain-containing protein | Yes |
| 9 | 1,263 | 1,886 | UMAG\_11065 | C2H2-type domain-containing protein | Yes |
| 9 | 2,298 | 2,987 | UMAG\_11066 | WAPL domain-containing protein | Yes |
| 9 | 3,495 | 4,106 | UMAG\_03392 | Dickkopf\_N domain-containing protein | Yes |
| 9 | 5,222 | 5,713 | UMAG\_03393 | Secreted protein | Yes |
| 9 | 5,960 | 8,836 | UMAG\_03394 | C2H2-type domain-containing protein | Yes |
| 9 | 5,960 | 8,836 | UMAG\_03394 | C2H2-type domain-containing protein | Yes |
| 9 | 9,601 | 9,909 | UMAG\_03395 | Uncharacterized protein | Yes |
| 9 | 10,280 | 12,949 | UMAG\_03396 | Zn(2)-C6 fungal-type domain-containing protein | Yes |
| 9 | 13,883 | 15,544 | UMAG\_03397 | ANK\_REP\_REGION domain-containing protein | Yes |
| 9 | 17,198 | 18,403 | UMAG\_03398 | Beta-lactamase domain-containing protein | Yes |
| 9 | 18,661 | 20,910 | UMAG\_11067 | Catalase-peroxidase (CP) (EC 1.11.1.21) (Peroxidase/catalase) katG | Yes |
| 9 | 22,405 | 24,039 | UMAG\_03400 | Choline transport protein | Yes |
| 9 | 25,487 | 27,595 | UMAG\_11068 | Amine oxidase (EC 1.4.3.-) | Yes |
| 9 | 29,107 | 30,555 | UMAG\_03402 | Indole-3-acetaldehyde dehydrogenase | Yes |
| 9 | 31,391 | 35,074 | UMAG\_03403 | Zn(2)-C6 fungal-type domain-containing protein | Yes |
| 9 | 36,098 | 37,963 | UMAG\_03404 | Aldedh domain-containing protein | Yes |
| 9 | 38,711 | 39,698 | UMAG\_12229 | LigB domain-containing protein | Yes |
| 9 | 39,955 | 40,611 | UMAG\_03406 | HIG1 domain-containing protein | Yes |
| 9 | 41,321 | 43,299 | UMAG\_03407 | PepX\_C domain-containing protein | Yes |
| 9 | 43,548 | 44,996 | UMAG\_03408 | FAD\_binding\_3 domain-containing protein | Yes |
| 9 | 46,868 | 48,238 | UMAG\_03409 | Fumarylacetoacetase (EC 3.7.1.2) (Fumarylacetoacetate hydrolase) | Yes |
| 9 | 51,232 | 52,709 | UMAG\_11070 | Lipase (EC 3.1.1.3) | Yes |
| 9 | 53,059 | 54,262 | UMAG\_03411 | 10689 | Yes |
| 9 | 57,435 | 57,986 | UMAG\_03412 | Polyketide\_cyc domain-containing protein | Yes |
| 9 | 58,434 | 59,900 | UMAG\_03413 | Probable acetate kinase (EC 2.7.2.1) (Acetokinase) | Yes |
| 9 | 60,333 | 63,014 | UMAG\_03414 | Putative xylulose-5-phosphate/fructose-6-phosphate phosphoketolase | Yes |
| 9 | 63,773 | 65,584 | UMAG\_03415 | FAD/NAD(P)-binding domain-containing protein | Yes |
| 9 | 66,490 | 67,638 | UMAG\_03416 | Putative carbon source-regulated protein (Arabinase) | Yes |
| 9 | 68,105 | 70,060 | UMAG\_03417 | Amidase (EC 3.5.1.4) | Yes |
| 9 | 73,227 | 77,300 | UMAG\_03418 | Protein kinase domain-containing protein | Yes |
| 9 | 78,531 | 82,406 | UMAG\_03419 | C2H2-type domain-containing protein | Yes |
| 9 | 83,183 | 84,454 | UMAG\_11071 | LEA\_2 domain-containing protein | Yes |
| 9 | 84,690 | 87,908 | UMAG\_03421 | Related to NOC3 protein | Yes |
| 9 | 88,357 | 89,853 | UMAG\_03422 | J domain-containing protein | Yes |
| 9 | 91,256 | 92,035 | UMAG\_11072 | Uncharacterized protein | Yes |
| 9 | 93,182 | 95,641 | UMAG\_11073 | G\_PROTEIN\_RECEP\_F1\_2 domain-containing protein | Yes |
| 9 | 95,924 | 96,718 | UMAG\_03424 | DUF1421 multi-domain protein | Yes |
| 9 | 97,271 | 99,088 | UMAG\_03425 | AB hydrolase-1 domain-containing protein | Yes |
| 9 | 99,565 | 103,188 | UMAG\_11074 | Structural maintenance of chromosomes protein 5 | Yes |
| 9 | 104,302 | 105,708 | UMAG\_11075 | DUF3752 domain-containing protein | Yes |
| 9 | 106,025 | 108,424 | UMAG\_11076 | WW domain-containing protein | Yes |
| 9 | 108,655 | 110,157 | UMAG\_11077 | Monooxygenase | Yes |
| 9 | 112,872 | 113,587 | UMAG\_11078 | Cupin\_2 domain-containing protein | Yes |
| 9 | 115,769 | 118,843 | UMAG\_03431 | PUM-HD domain-containing protein | Yes |
| 9 | 119,898 | 120,182 | UMAG\_11079 | DUF4219 domain-containing protein | Yes |
| 9 | 120,428 | 120,769 | UMAG\_11080 | Zf-CCHC\_6 domain-containing protein | Yes |
| 9 | 121,934 | 122,261 | UMAG\_11081 | Transposase | Yes |
| 9 | 124,542 | 126,080 | UMAG\_03433 | RB\_A domain-containing protein | Yes |
| 9 | 126,285 | 129,137 | UMAG\_03434 | Replication factor C subunit 1 | Yes |
| 9 | 129,863 | 132,493 | UMAG\_03435 | Arrestin\_C domain-containing protein | Yes |
| 9 | 132,886 | 134,571 | UMAG\_03436 | Abhydro\_lipase domain-containing protein | Yes |
| 9 | 136,530 | 138,758 | UMAG\_03437 | Related to BDF1-sporulation protein | Yes |
| 9 | 140,478 | 142,766 | UMAG\_10438 | RING-type domain-containing protein | Yes |
| 9 | 143,381 | 144,134 | UMAG\_03439 | RNase H type-1 domain-containing protein | Yes |
| 9 | 144,651 | 145,358 | UMAG\_03440 | Uncharacterized protein | Yes |
| 9 | 149,932 | 150,940 | UMAG\_10439 | Protein-ribulosamine 3-kinase (EC 2.7.1.172) | No |
| 9 | 151,640 | 153,355 | UMAG\_03442 | HECT domain-containing protein | No |
| 9 | 154,095 | 154,728 | UMAG\_03443 | UBC core domain-containing protein | No |
| 9 | 154,864 | 156,117 | UMAG\_10440 | Ferrochelatase | No |
| 9 | 156,892 | 157,830 | UMAG\_10441 | Putative SNAP receptor | No |
| 9 | 158,697 | 159,403 | UMAG\_03445 | Glutathione S-transferase | No |