|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Primers | Type | Primer sequence (5'-3') | Ta (℃) | Reference |
| ESGS52 | G-SSR | F: TTAGGGAACATCACAAGGT | 51 | [1] |
| R: CCAACATAATGAAGTAGAG |
| ESGS292 | G-SSR | F: TTGGGTGTGATGACAAGG | 61 | [1] |
| R: GGGCAAAATGCTACGATG |
| ESGS266 | G-SSR | F: CACAGAGCGAGTTGGTT | 62 | [1] |
| R: TTGTCACGTTTGAAGCA |
| ESGS172 | G-SSR | F: TTGAAGCAAGTACAACTA | 57 | [1] |
| R: GTAAAATCTACGGAAAGC |
| ESGS124 | G-SSR | F: GCGAGGTAAAAAGTATAG | 51 | [1] |
| R: TCACGTTTGAAGCAAGTA |
| ES-82 | EST-SSR | F: ATTGACAAGCTCCTTGCAGAGAT | 61 | [2] |
| R: TTTTTCTTCTTGGATTTCTTCCC |
| ES-75 | EST-SSR | F: ACCACCCTGGAGTAGCCATT | 58.5 | [2] |
| R: CTGGTCCATCGTCGACTTC |
| ES-7 | EST-SSR | F: CCTCCTCCGTTACCATGTTG | 61 | [2] |
| R: CCCTGCTTTTCCCTCTCTG |
| ES-51 | EST-SSR | F: GAGCTGAGCTGAGAAGAAAACAG | 55.5 | [2] |
| R: CACAATCATCTCATCTTCCTTCC |
| ES-352 | EST-SSR | F: CGTCTTCCGCTTCATCTTCTT | 64 | [2] |
| R: CAAAGATCCAGATCACACCAAAC |
| ES-322 | EST-SSR | F: GGGTGTGATTCATAAAACGAATG | 55.5 | [2] |
| R: TCTTTCTCGTGACTGTTCCTTTC |
| ES-261 | EST-SSR | F: GCTGTTCTCATTGCTGTTGGTAT | 57 | [2] |
| R: ATTCACGTCAGTTGTTGGAGACT |
| ES-180 | EST-SSR | F: TAGAGCAACTCTGGCATATCCTT | 62 | [2] |
| R: TGCTCCAATCAAACAATTAATCA |
| ES-179 | EST-SSR | F: GCATGTCCTTTCCAAGAACTATAAA | 62 | [2] |
| R: TGCTCCAATCAAACAATTAATCA |
| ES-176 | EST-SSR | F: GTATTGGTCTCCTTAGCCTGGTC | 65 | [2] |
| R: ATGATTCCCAGGACAAAACTGAT |
| ES-123 | EST-SSR | F: AGCATGAAGCTCGACTGTGAGT | 55.5 | [2] |
| R: GCGAGTACATCTCGTACTTCTGG |
| ES-105 | EST-SSR | F: GGTGGAGAAGGGAGATGAGTC | 61.5 | [2] |
| R: AGGCTCATGAGGAACAAGTCTCT |
| Elymus 5264 | EST-SSR | F: ATTGTTTGGGTACCGGTTTATGC | 59 | [3] |
| R: GCCTGGGTACAGCTGAAACATTAG |
| Elymus 3592 | EST-SSR | F: TGTTGACAAAAGCAGTTGAAGGG | 61 | [3] |
| R: GATTTGACCATGGACTGCTTCAC |
| Elymus 3207 | EST-SSR | F: GTACAAGATCGCCAACTCGAAGAT | 61 | [3] |
| R: CCTACAGGAAAAGGACTCGTGACT |
| Elymus 2644 | EST-SSR | F: GAATGGAGCTCCGCTTTAAGATTT | 59 | [3] |
| R: GCTCCAAACACGGTATAACTCCAC |
| Cn-48 | EST-SSR | F: TTCTTCAAGGCTATTGTTGCTTC | 61.5 | [4] |
| R: CGCCTCCTGATTCTCTTCCT |
| Cn-479 | EST-SSR | F: GTTCGACCACACGCTCAAC | 64 | [4] |
| R: GCGCTGGCTCACATATACTTCTA |
| Cn-362 | EST-SSR | F: TGAAATTCTAGCTTCTTCTCCCC | 63 | [4] |
| R: TAATCTTGCAAGCAGATCCAAAC |
| Cn-350 | EST-SSR | F: CAGAGTGGGTTCACAGTCCATAG | 64 | [4] |
| R: CAGCAACAGCAACAACTACAGG |
| Cn-306 | EST-SSR | F: ACTTCTTCATCTCCAATGCCTTT | 64 | [4] |
| R: CAGACGAACCAGAGACAGCAT |
| Cn-299 | EST-SSR | F: CCCCTCTGCTTTCTTGTTATCTT | 58.5 | [4] |
| R: GTCGTTGAGATCCCACATGC |
| Cn-294 | EST-SSR | F: ATCATCGTCATCGTCCTCAAC | 63 | [4] |
| R: AACGTGTTCGCGGCTCTC |
| Cn-291 | EST-SSR | F: GGCTCAAAAGGTTGAACAGACTA | 57 | [4] |
| R: CTTCTTGTTTCTCCTCTTCTGGG |
| Cn-278 | EST-SSR | F: CATGCAAACACTACCTAGAGGGT | 65 | [4] |
| R: TCATCACTTCTTGCTTCTTTGGT |
| Cn-237 | EST-SSR | F: GTCCTGTTAGCCAATATGCATTC | 61 | [4] |
| R: ATTTCTTCCACAAGCAACAACTC |
| Cn-227 | EST-SSR | F: ATCCCATTCAAGACCAAGTCCTA | 59 | [4] |
| R: GTAACACGATTTGATGGGAAGAG |
| Cn-204 | EST-SSR | F: ATCCTCTTCCTGTATTCCTTTGC | 66 | [4] |
| R: AACCACTGACTCTCGTCCACTC |
| Cn-193 | EST-SSR | F: CTGCCACTTTTGACCTGTCTC | 57 | [4] |
| R: GCCTTTCTGTCTCCTGTACCATA |
| Cn-159 | EST-SSR | F: AGGAGTAGTAGCTGCTCCCCAG | 64 | [4] |
| R: AATGCTGGATGGGGTGGT |