Significant Events in the Annotation of Iracema64

No genes found prior to base pair 533.

Gene 1: Switched to forward direction; changed start and stop from 633-457 to 533-765.

Gene 7: Increased its length by changing start from 3755 to 3791.

Gene 17: Increased its length by changing start from 12800 to 12668.

Gene 25: Increased its length by changing start from 16339 to 16196.

Gene 30: Increased its length by changing start from 22432 to 22393.

Gene 33: Increased its length by changing start from 25373 to 25424.

Gene 35: Kept this forward gene and increased its length by changing start from 27124 to 27082.

Gene 39: Increased its length by changing start from 28581 to 28638.

Deleted the originally called forward gene 40.

New gene 40: Set its start and stop as 28733 to 28635.

New genes 41 – 53 are the old genes 42 – 54.

New gene 54: Combined old gene 55 and 56 to make this new gene, 37369 to 37734.

New gene 55 is the old gene 57 increased its length by changing start from 38403 to 38244.

Inserted new gene 56 with start and stop of 38632 to 38219.

New genes 57 to 59 are the old genes 58 to 60.

New gene 60 is the old gene 61 increased in length by changing start from 40127 to 40133.

New gene 61 is the old gene 62.

New gene 62 is the old gene 63 increased in length by changing start from 40731 to 40773.

New gene 63 is the old gene 64.

New gene 64 is the old gene 65 increased in length by changing start from 42151 to 42196.

Old gene 66 was deleted.

New gene 65 is old gene 67 increased in length by changing start from 4243 to 42436.

New genes 66 to 59 are the old genes 68 to 71.

New gene 70 is the old gene 72 increased in length by changing the start from 44774 to 44882.

New genes 71 to 75 are old genes 73 to 77.

New gene 76 is the old gene 78 increased in length by changing start from 46217 to 46292.

New genes 77 to 79 are the old genes 79 to 81.

New gene 80 is the old gene 82 increased in length by changing start from 48163 to 48181.

New gene 81 is the old gene 83 increased in length by changing start from 48306 to 48330.

New genes 82 to 87 are old genes 84 to 89.

Old gene 90 was deleted.

No genes were found after base pair 50420