

## LE\_HBa0217M17, 97.0cM, Chromosome 6

Note: These primers were designed from the SP6 BAC End

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Primer Name	Sequence (5'-3')
CMTY4B-F1	CATAGTCCAAGTATAGGTGGCAAG
CMTY4B-R2	CTATTAGTATGGCGGTGTGTTAATG

HUJ-VF complete sequence\_Ty4BF1-R2: 548 bp;

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1      CATAGTCCAA GTATAGGTGG CAAGTTACCC AGCTTAGCAT AGCTTATTCC TTGAGGAATA
61     GCAAGACTAG CTATAGTAAT TCCAGCAATA AGATCTGCTT TGAAGAAACC AAAACTGTAT
121    CTTGAACCCC ATTCAAAAAT TGGAAATAAA TATTGAACCC CAAGTATAAA TTTTCTCAAA
181    GGTTTTTGGT TCTTGAATTG CTTAAGTGGA TCATCTGGGA ATAATGTCTC CTTCAACGTA
241    TTCTTCAATG ATTTGAAAAA AGGCTGTGGT GGAGGAATTT CAACTCTATG TATGCCTGTA
301    GTATGATTAT CCATCAGTGA TGGATACCCA TAATTATCTG CGTTACCCAT TTCCTTTCTG
361    TTCTTTTCTT TTTTGTTTTG GATAAGTGCT TAATAGCTTT GAAAAAAGAA ATTTTGGTTG
421    GAGTGAATAA AGGATAGTAT ATCGCTTGCT TTATATAGAC AGGTATACCA AGCGACTGTT
481    TCACACTTTT TTCTAGTGGC CTATTCTATG TTGTGGCACA AAACATTAAC ACACCGCCAT
541    ACTAATAG
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Gc171 complete sequence\_Ty4BF1-R2: 548 bp;

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1      CATAGTCCAA GTATAGGTGG CAAGTTACCC AGCTTAGCAT AGCTTATTCC TTGAGGAATA
61     GCAAGACTAG CTATAGTAAT TCCAGCAATA AGATCTGCTT TGAAGAAACC AAAACTGTAT
121    CTTGAACCCC ATTCAAAAAT TGGAAATAAA TATTGAACCC CAAGTATAAA TTTTCTCAAA
181    GGTTTTTGGT TCTTGAATTG CTTAAGTGGA TCATCTGGGA ATAATGTCTC CTTCAACGTA
241    TTCTTCAATG ATTTGAAAAA AGGCTGTGGT GGAGGAATTT CAACTCTATG TATGCCTGTA
301    GTATGATTAT CCATCAGTGA TGGATACCCA TAATTATCTG CGTTACCCAT TTCCTTTCTG
361    TTCTTTTCTT TTTTGTTTTG GATAAGTGCT TAATAGCTTT GAAAAAAGAA ATTTTGGTTG
421    GAGTGAATAA AGGATAGTAT ATCGCTTGCT TTATATAGAC AGGTATACCA AGCGACTGTT
481    TCACACTTTT TTCTAGTGGC CTATTCTATG TTGTGGCACA AAACATTAAC ACACCGCCAT
541    ACTAATAG
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Cerasiforme complete sequence\_Ty4BF1-R2: 548 bp;

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1      CATAGTCCAA GTATAGGTGG CAAGTTACCC AGCTTAGCAT AGCTTATTCC TTGAGGAATA
61     GCAAGACTAG CTATAGTAAT TCCAGCAATA AGATCTGCTT TGAAGAAACC AAAACTGTAT
121    CTTGAACCCC ATTCAAAAAT TGGAAATAAA TATTGAACCC CAAGTATAAA TTTTCTCAAA
181    GGTTTTTGGT TCTTGAATTG CTTAAGTGGA TCATCTGGGA ATAATGTCTC CTTCAACGTA
241    TTCTTCAATG ATTTGAAAAA AGGCTGTGGT GGAGGAATTT CAACTCTATG TATGCCTGTA
301    GTATGATTAT CCATCAGTGA TGGATACCCA TAATTATCTG CGTTACCCAT TTCCTTTCTG
361    TTCTTTTCTT TTTTGTTTTG GATAAGTGCT TAATAGCTTT GAAAAAAGAA ATTTTGGTTG
421    GAGTGAATAA AGGATAGTAT ATCGCTTGCT TTATATAGAC AGGTATACCA AGCGACTGTT
481    TCACACTTTT TTCTAGTGGC CTATTCTATG TTGTGGCACA AAACATTAAC ACACCGCCAT
541    ACTAATAG
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### Conclusions

Complete sequence was obtained for HUJ-VF, Gc171, and Cerasiforme using standard sequencing procedures. Upon alignment, all tested samples were identical. Therefore, Ty-4 is not located at this locus on Chromosome 6.