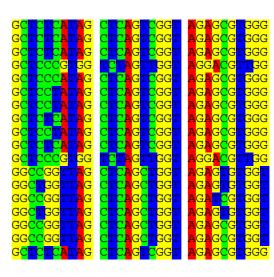
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| BayalaiB08-376_Baya_065_30_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| BayalaiB08-376_Baya_237_58_I | GCTCCTGTGG | TCTAGTTGGT | AGGACGCTGG |
| CfasciculataCfCl_CfaC1_15_47_I | GCTCTCGTGG | TCTAGTTGGT | AGGA <mark>CGCT</mark> GG |
| CfasciculataCfCl_CfaC1_18_58_I | GCTCTCATAG | CTC <mark>AG</mark> TCGGT | |
| CfasciculataCfCl_CfaC1_25_73_I | GCTCTCATAG | C <mark>TC<mark>A</mark>GTCGGT</mark> | |
| CfasciculataCfCl_CfaC1_25_75_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | |
| CfasciculataCfCl_CfaC1_29_114_I | GCTCTCATAG | CTCAGTCGGT | |
| EmonterogeiiLV88_EmoLV88_23_45_I | GCTCCCGTGG | TCTAGTTGGT | |
| EmonterogeiiLV88_EmoLV88_24_59_I | GCTCTCATAG | C <mark>TCA</mark> GTCGGT | |
| EmonterogeiiLV88_EmoLV88_24_60_I | GCTCTCATAG | C <mark>TC<mark>A</mark>GTCGGT</mark> | |
| EmonterogeiiLV88_EmoLV88_24_61_I | GCTCTCATAG | C <mark>TCA</mark> GTCGG <mark>T</mark> | |
| EmonterogeiiLV88_EmoLV88_24_62_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | |
| EmonterogeiiLV88_EmoLV88_34_85_I | GCTCTCATAG | C <mark>TCA</mark> GTCGGT | |
| LaethiopicaL147_LaeL147_23_45_I | GCTCCCGTGG | TCTAGTTGGT | |
| LaethiopicaL147_LaeL147_24_60_I | GCTCTCATAG | CTCAGTCGGT | |
| LaethiopicaL147_LaeL147_24_61_I | GCTCTCATAG | CTCAGTCGGT | |
| LaethiopicaL147_LaeL147_34_85_I LamazonensisMHOMBR71973M2269_KE390361.1_21_I | GCTCTCATAG GCTCTCATAG | CTCAGTCGGT CTCAGTCGGT | |
| | | CTCAGTCGGT CTCAGTCGGT | |
| LamazonensisMHOMBR71973M2269_KE390886.1_38_I LamazonensisMHOMBR71973M2269 KE391051.1 49 I | GCTCTCATAG GCTCCCGTGG | TCTAGTTGGT | |
| LarabicaLEM1108 LarLEM1108 23 46 I | GCTCCCGTGG GCTCCCGTGG | TCTAGTTGGT | |
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| LarabicaLEM1108_LARLEM1108_SCAF000107_102_I | GCTCTCATAG | CTCAGTCGGT | |
| LbraziliensisMHOMBR75M2903_LbrM2903_20.1_43_I | GCTCTCATAG | CTCAGTCGGT | |
| LbraziliensisMHOMBR75M2903_LbrM2903_23_52_I | GCTCCCGTGG | TCTAGTTGGT | |
| LbraziliensisMHOMBR75M2903_LbrM2903_24_66_I | GCTCTCATAG | CTCAGTCGGT | |
| LbraziliensisMHOMBR75M2904_LbrM.20.1_44_I | GCTCTCATAG | CTCAGTCGGT | |
| LbraziliensisMHOMBR75M2904_LbrM.23_53_I | GCTCCCGTGG | TCTAGTTGGT | |
| LbraziliensisMHOMBR75M2904_LbrM.24_67_I | GCTCTCATAG | CTCAGTCGGT | |
| LdonovaniBHU1220_CM002163.1_45_I | GCTCCCGTGG | TCTAGTTGGT | |
| LdonovaniBHU1220 CM002164.1 59 I | GCTCTCATAG | CTCAGTCGGT | |
| LdonovaniBHU1220 CM002174.1 83 I | GCTCTCATAG | CTCAGTCGGT | |
| LdonovaniBPK282A1_Ld23_v01s1_46_I | GCTCCCGTGG | TCTAGTTGGT | |
| LdonovaniBPK282A1_Ld24_v01s1_60_I | GCTCTCATAG | CTCAGTCGGT | |
| LdonovaniBPK282A1_Ld34_v01s1_84_I | GCTCTCATAG | CTCAGTCGGT | |
| LenriettiiLEM3045_LenLEM3045_23_42_I | GCTCCCGTGG | TCTAGTTGGT | AGG <mark>ACGCT</mark> GG |
| LenriettiiLEM3045_LenLEM3045_24_55_I | GCTCTCATAG | CTCAGTCGGT | |
| LenriettiiLEM3045_LenLEM3045_24_56_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | |
| LenriettiiLEM3045_LenLEM3045_34_79_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | |
| LgerbilliLEM452_LgeLEM452_23_40_I | GCTCCCGTGG | TCTAGTTGGT | |
| LgerbilliLEM452_LgeLEM452_24_55_I | GCTCTCATAG | C <mark>TCA</mark> GTCGG <mark>T</mark> | |
| LgerbilliLEM452_LgeLEM452_24_56_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | |
| LgerbilliLEM452_LGELEM452_SCAF000007_95_I | GCTCTCATAG | | |
| LinfantumJPCM5_LinJ.23_42_I | GCTCCCGTGG | | |
| LinfantumJPCM5_LinJ.24_56_I | GCTCTCATAG | CTCAGTCGGT | |
| LinfantumJPCM5_LinJ.24_57_I | GCTCTCATAG | CTCAGTCGGT | |
| LinfantumJPCM5_LinJ.34_85_I | GCTCTCATAG | | |
| LmajorFriedlin_LmjF.23_50_I | GCTCCCGTGG GCTCTCATAG | TCTAGTTGGT CTCAGTCGGT | AGG <mark>ACGCT</mark> GG AGAGCGTGGG |
| LmajorFriedlin_LmjF.24_64_I LmajorFriedlin_LmjF.24_65_I | GCTCTCATAG GCTCTCATAG | CTCAGTCGGT CTCAGTCGGT | AGAGCGTGGG AGAGCGTGGG |
| LmajorFriedlin LmjF.24_05_1 | GCTCTCATAG | CTCAGTCGGT | |
| Lmajorricarin_hmjr.51_05_r | GCTCCCGTGG | TCTAGTTGGT | |
| LmajorLV39c5_LmjLV39_24_62_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LmajorLV39c5_LmjLV39_24_63_I | GCTCTCATAG | | |
| LmajorLV39c5_LmjLV39_34_89_I | GCTCTCATAG | | |
| LmajorSD75_LmjSD75_23_50_I | GCTCCCGTGG | | |
| LmajorSD75_LmjSD75_24_64_I | GCTCTCATAG | | |
| LmajorSD75_LmjSD75_24_65_I | GCTCTCATAG | | AGAG <mark>CGT</mark> GGG |
| LmajorSD75_LmjSD75_34_89_I | GCTCTCATAG | | |
| LmexicanaMHOMGT2001U1103_LmxM.23_67_I | GCTCCCGTGG | TCTAGTTGGT | |
| LmexicanaMHOMGT2001U1103_LmxM.24_81_I | GCTCTCATAG | | AGAG <mark>CGT</mark> GGG |
| LmexicanaMHOMGT2001U1103_LmxM.24_82_I | GCTCTCATAG | | |
| LmexicanaMHOMGT2001U1103_LmxM.33_105_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>C</mark> GTGGG |
| LpanamensisMHOMCOL81L13_LpaL13_20.1_39_I | GCTCTCATAG | CTCAGTCGGT | AG <mark>AGCGTGGG</mark> |
| LpanamensisMHOMCOL81L13_LpaL13_23_47_I | GCTCCCGTGG | | |
| LpanamensisMHOMCOL81L13_LpaL13_24_61_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LpanamensisMHOMCOL81L13_LPAL13_SCAF000321_99_I | GCTCTCATAG | | |
| LpanamensisMHOMPA94PSC1_CP009389_36_I | GCTCCCGTCG | | |
| LpanamensisMHOMPA94PSC1_CP009392_45_I LpanamensisMHOMPA94PSC1_CP009393_59_I | GCTCCCGTGG GCTCTCATAG | TCTAGTTGGT CTCAGTCGGT | |
| LpyrrhocorisH10_LpyrH10_03_14_I | GCTCCCGTGG | TCTAGTCGGA | |
| LpyrrhocorisH10_LpyrH10_05_30_I | GCTCTCATAG | CTCAGTCGGT | |
| LpyrrhocorisH10_LpyrH10_11_71_I | GCTCTCATAG | CTCAGTCGGT | |
| 11 · · · · · · · · <u>- · · · · · · · · · · </u> | | | |

| LpyrrhocorisH10_LpyrH10_11_73_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
|---|---------------------------|--|--|
| LpyrrhocorisH10_LpyrH10_25_122_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LseymouriATCC30220_Lsey_0029_8_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LseymouriATCC30220_Lsey_0029_10_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LseymouriATCC30220_Lsey_0039_13_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LseymouriATCC30220 Lsey 0053 19 I | GCTCCTGTGG | TCTAGTCGGT | AGGACGCTGG |
| LseymouriATCC30220_Lsey_0130_55_I | GCTCTCATAG | CTCAGTCGGT | |
| | | | AGAGCGTGGG |
| LspMARLEM2494_LMARLEM2494_23_39_I | GCTCCCGTGG | T <mark>CTA</mark> GTT <mark>GG</mark> T | AGGACGCTGG |
| LspMARLEM2494_LMARLEM2494_24_53_I | GCTCTCATAG | CTC <mark>A</mark> GTCGGT | AGAGCGTGGG |
| LspMARLEM2494_LMARLEM2494_34_75_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LtarentolaeParrotTarII_LtaP23_37_I | GCTCCCGTGG | TCTAGTTGGT | AGGACGCTGG |
| LtarentolaeParrotTarII LtaP24 50 I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| LtarentolaeParrotTarII LtaP24 51 I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| | | | |
| LtarentolaeParrotTarII_LtaP34_79_I | GCTCTCATAG | CTCAGTCGGT | |
| LtropicaL590_LtrL590_23_49_I | GCTCCCGTGG | TCTAGTTGGT | AGGACGCTGG |
| LtropicaL590_LtrL590_24_63_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| LtropicaL590_LtrL590_24_64_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| LtropicaL590_LtrL590_34_93_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGTGGG</mark> |
| LturanicaLEM423_LtuLEM423_23_42_I | GCTCCCGTGG | TCTAGTTGGT | AGGACGCTGG |
| | GCTCTCATAG | CTCNCTCCCT | AGAGCGTGGG |
| LturanicaLEM423_LtuLEM423_24_57_I | | | |
| LturanicaLEM423_LtuLEM423_24_58_I | GCTCTCATAG | CTCAGTCGGT | A <mark>GAG<mark>C</mark>G<mark>T</mark>GGG</mark> |
| LturanicaLEM423_LTULEM423_SCAF000129_98_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| LturanicaLEM423_LTULEM423_SCAF000130_103_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| PconfusumCUL13_Pcon_scaffold00074_88_I | GCTCCTGTGG | TCTAGTTGGT | AGGACGTTGG |
| TbruceigambienseDAL972_Tbg972_08_28_I | GCTCCTATAG | CTCAGTCGGT | AGAGCGTGGG |
| TbruceigambienseDAL972_Tbg972_08_33_I | GCTCCCGTGG | TCTAGTTGGT | |
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| TbruceiLister427_Tb427_08_v4_40_I | GCTCCCGTGG | TCTAGTTGGT | AGGACGTTGG |
| TbruceiTREU927_Tb927_08_v5.1_31_I | GCTCCTATAG | CTCAGTCGGT | AGAGCGTGGG |
| TbruceiTREU927_Tb927_08_v5.1_35_I | GCTCCTATAG | CTCAGTCGGT | AGAGCGTGGG |
| TbruceiTREU927_Tb927_08_v5.1_39_I | GCTCCCGTGG | TCTAGTTGGT | |
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| TcongolenseIL3000_T.congo_bin_contig_1714_25_I | GCTCCTATAG | CTCAGTCGGT | AGAG <mark>CGTGGG</mark> |
| TcongolenseIL3000_T.congo.pschr.8_78_I | GCTCCTATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| TcongolenseIL3000_T.congo.pschr.8_81_I | GCTCCTATAG | CTCAGTCGGT | AGAG <mark>CGT</mark> GGG |
| TcruziCLBrener_Tcruzi_11019_2_I | GCGAGCGTAG | CTCAGCTGGT | AGAG <mark>CACA</mark> CG |
| TcruziCLBrenerEsmeraldo-like_TcChr22-S_9_I | GCTCCTGTGG | TCTAGTTGGT | AGGACGTTGG |
| TcruziCLBrenerEsmeraldo-like_TcChr26-S_23_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| TcruziCLBrenerEsmeraldo-like_TcChr41-S_57_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr22-P_10_I | GCTCCTGTGG | | AGGACGTTGG |
| | | TCTAGTTGGT | |
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| TcruziCLBrenerNon-Esmeraldo-like_TcChr41-P_54_I | GCTCTCATAG | | |
| TcruzicruziDm28c_MBSY01000058_2_I | GCTCTCATAG | | AGAG <mark>CGTG</mark> GG |
| TcruzicruziDm28c_MBSY01000093_5_I | GCTCCTGTGG | TCTAGTTGGT | AGGACGTTGG |
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| TcruzicruziDm28c_MBSY01000739_100_I | GCTCCTGTGG | | AGG <mark>ACGTT</mark> GG |
| TcruziDm28c_AYLP01000078_19_I | GCTCTCATAG | | AGAGCGTGGG |
| TcruziDm28c_AYLP01000135_37_I | GCTCCTGTGG | TCTAGTTGGT | |
| TcruziDm28c_AYLP01000485_44_I | GCTCTCATAG | CTCACTCCCT | AGAGCGTGGG |
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| TcruziEsmeraldo_KB205393.1_57_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>CGTGGG</mark> |
| TcruziEsmeraldo KB205774.1 79 I | GCTCCTGTGG | | AGGACG <mark>TT</mark> GG |
| TcruziJRc14_AODP01008205.1_6_I | GCTCTCATAG | | AGAGCGTGGG |
| | GCTCTCATAG | | |
| TcruziJRc14_AODP01010036.1_8_I | GCICICATAG | CICAGICGGI | AGAG <mark>C</mark> GTGGG |
| TcruziJRc14_KB222969.1_64_I | GC <mark>TC</mark> TCATAG | CICAGICGGT | AGAG <mark>C</mark> G <mark>T</mark> GGG |
| TcruziJRc14_KB223000.1_71_I | GCTCCTGTGG | | AGGACGTTGG |
| TcruzimarinkelleiB7_TcMARK_CONTIG_2326_34_I | GCTCTCATAG | CTCAGTCGGT | AGAGCGTGGG |
| TcruzimarinkelleiB7_TcMARK_CONTIG_3490_45_I | GCTCTCATAG | CTCAGTCGGT | AGAG <mark>C</mark> GTGGG |
| TcruzimarinkelleiB7_TcMARK_CONTIG_722_58_I | GCTCCTGTGG | | AGGACGTTGG |
| TcruziSylvioX10-1-2012_ADWP02000205_1_I | GCTCCTGTGG | | AGGA CGTT GG |
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| TcruziSylvioX10-1-2012_ADWP02006284_21_I | | | AGAGCGTGGG |
| TcruziSylvioX10-1-2012_ADWP02006285_24_I | GCTCTCATAG | | AGAG <mark>CG</mark> TGGG |
| TcruziSylvioX10-1-2012_ADWP02016913_64_I | GCTCTCATAG | | AGAG <mark>CG</mark> TGGG |
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| TcruziSylvioX10-1_TcX10_chr37_45_I | GCTCCTGTGG | TCTAGTTGGT | |
| TcruziTulacl2_AQHO01024116.1_36_I | GCTCTCATAG | | AGAGCGTGGG |
| TcruziTulac12_AQH001027870.1_53_I | GCTCTCATAG | | AGAGCGTGGG |
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| TcruziTulacl2_KB851533.1_117_I | GCTCCTGTGG | | AGGACGTTGG AGGACGTTGG |
| | GCTCTCATAG | | AGAGCGTGGG |
| TcruziTulacl2_KB852025.1_144_I | COTTO | | |
| TcruziTulacl2_KB852086.1_146_I | GCTCTCATAG | CTCAGTCGGT | |
| TevansiSTIB805_STIB805_Chr08_31_I | GCTCCTATAG | | AGAGCGTGGG |
| TevansiSTIB805_STIB805_Chr08_35_I | GCTCCTATAG | | AGAGCGTGGG |
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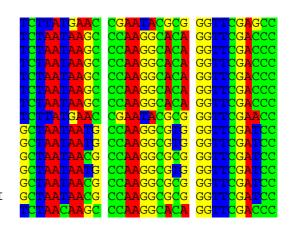
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LmajorSD75_LmjSD75_23_50_I
LmajorSD75_LmjSD75_24_64_I
LmajorSD75_LmjSD75_24_65_I
LmajorSD75_LmjSD75_34_89_I
LmexicanaMHOMGT2001U1103_LmxM.23_67_I
LmexicanaMHOMGT2001U1103_LmxM.24_81
LmexicanaMHOMGT2001U1103_LmxM.24_82
LmexicanaMHOMGT2001U1103_LmxM.33_105_I
LpanamensisMHOMCOL81L13_LpaL13_20.1_39_I
LpanamensisMHOMCOL81L13_LpaL13_23_47_I
LpanamensisMHOMCOL81L13_LpaL13_24_61_I
LpanamensisMHOMCOL81L13_LPAL13_SCAF000321_99_I
LpanamensisMHOMPA94PSC1_CP009389_36_I
LpanamensisMHOMPA94PSC1_CP009392_45_I
LpanamensisMHOMPA94PSC1_CP009393_59_I
LpyrrhocorisH10_LpyrH10_03_14_I
LpyrrhocorisH10_LpyrH10_05_30_I
LpyrrhocorisH10_LpyrH10_11_71_I
LpyrrhocorisH10_LpyrH10_11_73_I
LpyrrhocorisH10_LpyrH10_25_122_I
LseymouriATCC30220_Lsey_0029_8_I
```

| LseymouriATCC30220_Lsey_0029_10_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
|--|--|--|---|
| LseymouriATCC30220_Lsey_0039_13_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| LseymouriATCC30220_Lsey_0053_19_I | | CGGATACGCG | |
| | TCTTATGAAC | | GG <mark>TT</mark> CGAGCC |
| LseymouriATCC30220_Lsey_0130_55_I | TCTAATAAGC | CCAAGGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| LspMARLEM2494_LMARLEM2494_23_39_I | TCTTATGAAC | CGGATGCGCG | GGTTCGAGCC |
| LspMARLEM2494 LMARLEM2494 24 53 I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| LspMARLEM2494_LMARLEM2494_34_75_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| - | | | |
| LtarentolaeParrotTarII_LtaP23_37_I | T <mark>CTTA</mark> TGAAC | CGGATGCGCG | GG <mark>TT</mark> CGAGCC |
| LtarentolaeParrotTarII LtaP24 50 I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| LtarentolaeParrotTarII_LtaP24_51_I | TCTAATAAGC | CCAAGGCACA | GG <mark>TT</mark> CGACCC |
| | | | |
| LtarentolaeParrotTarII_LtaP34_79_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| LtropicaL590_LtrL590_23_49_I | TCTTATGAAC | CGGATGCGCG | GG <mark>TT</mark> CGAGCC |
| LtropicaL590_LtrL590_24_63_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| LtropicaL590_LtrL590_24_64_I | TCTAATAAGC | CCAA <mark>GG</mark> CACA | GG <mark>TT</mark> CGACCC |
| | | | |
| LtropicaL590_LtrL590_34_93_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| LturanicaLEM423_LtuLEM423_23_42_I | TCTTATGAAC | CGGATGCGCG | GGTTCGAGCC |
| LturanicaLEM423_LtuLEM423_24_57_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| | | | |
| LturanicaLEM423_LtuLEM423_24_58_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| LturanicaLEM423_LTULEM423_SCAF000129_98_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GGTTCGACCC |
| LturanicaLEM423_LTULEM423_SCAF000130_103_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| PconfusumCUL13_Pcon_scaffold00074_88_I | TCTTATGAGC | CGAACGCGCG | |
| | | | GGTTCGAGCC |
| TbruceigambienseDAL972_Tbg972_08_28_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TbruceigambienseDAL972_Tbg972_08_33_I | TCTTATGAAC | CGAATACGCG | GGTTCGAACC |
| TbruceiLister427_Tb427_08_v4_32_I | TCTAATAAGC | CCAAGGCACA | |
| | | | |
| TbruceiLister427_Tb427_08_v4_36_I | TCTAATAAGC | CCAA <mark>GG</mark> CACA | GG <mark>TT</mark> CGACCC |
| TbruceiLister427_Tb427_08_v4_40_I | TCTTATGAAC | CGAATACGCG | GGTTCGAACC |
| TbruceiTREU927_Tb927_08_v5.1_31_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TbruceiTREU927_Tb927_08_v5.1_35_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CGACCC |
| | | | |
| TbruceiTREU927_Tb927_08_v5.1_39_I | T <mark>CTTA</mark> TGAAC | CGAA <mark>TA</mark> CGCG | GGTTCGAACC |
| TcongolenseIL3000_T.congo_bin_contig_1714_25_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcongolenseIL3000_T.congo.pschr.8_78_I | TCTAATAAGC | CCAA <mark>GG</mark> CACA | GG <mark>TT</mark> CGACCC |
| | | CCAACCACA | |
| TcongolenseIL3000_T.congo.pschr.8_81_I | TCTAATAAGC | CCAAGGCACA | GG <mark>TT</mark> CGACCC |
| TcruziCLBrener_Tcruzi_11019_2_I | AC <mark>TGATAAT</mark> C | GTGAGGCGAT | GGTTCAAGTC |
| TcruziCLBrenerEsmeraldo-like_TcChr22-S_9_I | TCTTATGAGC | CGAATACGCG | GG <mark>TTCGA</mark> GCC |
| TcruziCLBrenerEsmeraldo-like_TcChr26-S_23_I | TCTAATAAGC | CCAAGGCACA | |
| | | | |
| TcruziCLBrenerEsmeraldo-like_TcChr41-S_57_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr22-P_10_I | TCTTATGAGC | CGAA <mark>TA</mark> CGCG | GGTTCGAGCC |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr26-P_25_I | TCTAATAAGC | CCAAGGCACA | |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr41-P_54_I | | CCAAGGCACA | GGTTCGACCC |
| | TCTAATAAGC | | |
| TcruzicruziDm28c_MBSY01000058_2_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| TcruzicruziDm28c_MBSY01000093_5_I | TCTTATGAGC | CGAATACGCG | GGTTCGAGCC |
| TcruzicruziDm28c MBSY01000240 26 I | TCTAATAAGC | CCAAGGCACA | |
| TcruzicruziDm28c_MBSY01000548_47_I | TCTAATAAGC | | GGTTCGACCC |
| | ICIAAIAAGC | CCAA <mark>GG</mark> CACA | |
| TcruzicruziDm28c_MBSY01000739_100_I | TCTTATGAGC | CGAA <mark>TA</mark> CGCG | GG <mark>TT</mark> CG <mark>A</mark> GCC |
| TcruziDm28c_AYLP01000078_19_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcruziDm28c_AYLP01000135_37_I | TCTTATGAGC | CGAA <mark>TA</mark> CGCG | GGTTCGAGCC |
| | | CCANCCCANCA | GGTTCGACCC |
| TcruziDm28c_AYLP01000485_44_I | TCTAATAAGC | | |
| TcruziEsmeraldo_ANOX01013115.1_21_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CGACCC |
| TcruziEsmeraldo_ANOX01013135.1_23_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcruziEsmeraldo_KB205264.1_40_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA CCAAGGCACA | GGTTCGACCC |
| | | CCHAOCCACA | CONTROL |
| TcruziEsmeraldo_KB205393.1_57_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| TcruziEsmeraldo_KB205774.1_79_I | TCTTATGAGC | CGAA <mark>TA</mark> CGCG | GG <mark>TT</mark> CGAGCC |
| TcruziJRc14_AODP01008205.1_6_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcruziJRcl4 AODP01010036.1 8 I | TCTAATAAGC | CCAAGGCACA | |
| | TOWN A TRANSCO | | |
| TcruziJRc14_KB222969.1_64_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| TcruziJRc14_KB223000.1_71_I | TCTTATGAGC | CGAA <mark>TA</mark> CGCG | GG <mark>TT</mark> CGAGCC |
| TcruzimarinkelleiB7_TcMARK_CONTIG_2326_34_I | TCTAATAAGC | CCAAGGCACA | GG <mark>TT</mark> CGACCC |
| TcruzimarinkelleiB7_TcMARK_CONTIG_3490_45_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| | | | |
| TcruzimarinkelleiB7_TcMARK_CONTIG_722_58_I | TCTTATGAGC | CGAATACGCG | |
| TcruziSylvioX10-1-2012_ADWP02000205_1_I | T <mark>CTTA</mark> TGAGC | CGAA <mark>TA</mark> CGCG | |
| TcruziSylvioX10-1-2012_ADWP02006284_21_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcruziSylvioX10-1-2012_ADWP02006285_24_I | TCTAATAAGC | CCAA <mark>GG</mark> CACA | GG <mark>TT</mark> CGACCC |
| | | | |
| TcruziSylvioX10-1-2012_ADWP02016913_64_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA | GG <mark>TT</mark> CG <mark>A</mark> CCC |
| TcruziSylvioX10-1_TcX10_chr21_29_I | TCTAATAAGC | CC <mark>AA</mark> GGCACA CCAAGGCACA | GGTTCGACCC |
| TcruziSylvioX10-1_TcX10_chr22_30_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| TcruziSylvioX10-1_TcX10_chr31_39_I | TCTAATAAGC | CCAAGGCACA | GGTTCGACCC |
| | | | |
| TcruziSylvioX10-1_TcX10_chr37_45_I | T <mark>CTTA</mark> T <mark>GAGC</mark> | CGAA <mark>TA</mark> CGCG | GG <mark>TT</mark> CG <mark>A</mark> G-C |
| TcruziTulacl2_AQHO01024116.1_36_I | TCTAATAAGC | CCAAGGCACA | |
| TcruziTulacl2_AQHO01027870.1_53_I | TCTAATAAGC | CCAA <mark>GG</mark> CACA | |
| TcruziTulacl2_AQHO01034196.1_67_I | | CCA A WA CCCC | GGTTCGAGCC |
| | TOTO TOTO NO CO | | , T, T |
| TcruziTulacl2_KB851533.1_117_I | TCTTATGAGC | CGAATACGCG | |
| TcruziTulacl2_KB852025.1_144_I | TCTTATGAGC | CGAATACGCG | GG <mark>TTCGA</mark> GCC |
| 1C1u211u1aC12_kb652025.1_144_1 | | CGAAGGCACA | GGTTCGACCC GGTTCGACCC |
| | TCTTATGAGC TCTAATAAGC | CGAAGGCACA | GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I | T <mark>CTTA</mark> T <mark>GAGC</mark> TCTAATAAGC TCTAATAAGC | CGAAGGCACA | GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I TevansiSTIB805_STIB805_Chr08_39_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTTATGAAC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA CGAATACGCG | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I TevansiSTIB805_STIB805_Chr08_39_I TgrayiANR4_JMRU01001200_74_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTTATGAAC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA CGAATACGCG CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGAACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I TevansiSTIB805_STIB805_Chr08_39_I TgrayiANR4_JMRU01001200_74_I TgrayiANR4_JMRU01001200_78_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTTATGAAC TCTAATAAGC TCTAATAAGC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC |
| TcruziTulacl2_KB852086.1_146_I TevansiSTIB805_STIB805_Chr08_31_I TevansiSTIB805_STIB805_Chr08_35_I TevansiSTIB805_STIB805_Chr08_39_I TgrayiANR4_JMRU01001200_74_I | TCTTATGAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTAATAAGC TCTTATGAAC TCTAATAAGC | CGAATACGCG CCAAGGCACA CCAAGGCACA CCAAGGCACA CCAAGGCACA CGAATACGCG CCAAGGCACA | GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGACCC GGTTCGAACCC |

| TtheileriEdinburgh_NBC001000013_65_I TtheileriEdinburgh NBC001000015 71 I |
|---|
| TtheileriEdinburgh NBC001000015 72 I |
| TtheileriEdinburgh NBC001000021 87 I |
| TtheileriEdinburgh_NBC001000021_92_I |
| TtheileriEdinburgh_NBCO01000031_109_I |
| TvivaxY486_TvY486_08_11_I |
| TvivaxY486_TvY486_bin_archived_contig_2067_37_I |
| TvivaxY486_TvY486_bin_archived_contig_4261_59_I |
| TvivaxY486_TvY486_bin_archived_contig_4568_69_I |
| TvivaxY486_TvY486_bin_archived_contig_7832_93_I |
| TvivaxY486_TvY486_bin_archived_contig_7832_96_I |
| TvivaxY486_TvY486_bin_archived_contig_7832_98_I |
| TvivaxY486_TvY486_bin_archived_contig_8227_105_I |
| TcruziJRcl4_AODP01004654.1_4_V |



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BayalaiB08-376 Baya 023 15 I
BayalaiB08-376_Baya_065_30_I
BayalaiB08-376_Baya_237_
                         58 I
CfasciculataCfCl_CfaC1_15_47_I
CfasciculataCfCl_CfaC1_18_58_I
CfasciculataCfCl_CfaC1_25_73_I
CfasciculataCfCl_CfaC1_25_75
CfasciculataCfCl_CfaC1_29_114_I
EmonterogeiiLV88_EmoLV88_23_45_I
EmonterogeiiLV88_EmoLV88_24_59_I
EmonterogeiiLV88_EmoLV88_24_60_I
EmonterogeiiLV88_EmoLV88_24_61
EmonterogeiiLV88_EmoLV88_24_62_I
EmonterogeiiLV88_EmoLV88_
                          34_85_I
LaethiopicaL147_LaeL147_23_45_I
LaethiopicaL147_LaeL147_24_60_I
LaethiopicaL147_LaeL147_24_61_I
LaethiopicaL147_LaeL147_34_85_I
LamazonensisMHOMBR71973M2269_KE390361.1_21_I
LamazonensisMHOMBR71973M2269_KE390886.1_38_I
LamazonensisMHOMBR71973M2269_KE391051.1_49_I
LarabicaLEM1108_LarLEM1108_23_46_I
LarabicaLEM1108_LarLEM1108_24_61_I
LarabicaLEM1108 LarLEM1108 24 62 I
LarabicaLEM1108_LARLEM1108_SCAF000107_102_I
LbraziliensisMHOMBR75M2903_LbrM2903_20.1_43_I
LbraziliensisMHOMBR75M2903_LbrM2903_23_52
LbraziliensisMHOMBR75M2903_LbrM2903_24_66_I
LbraziliensisMHOMBR75M2904_LbrM.20.1_44_I
LbraziliensisMHOMBR75M2904_LbrM.23_53_I
LbraziliensisMHOMBR75M2904_LbrM.24_67_I
LdonovaniBHU1220_CM002163.1_45_I
LdonovaniBHU1220 CM002164.1 59 I
LdonovaniBHU1220_CM002174.1_83_I
LdonovaniBPK282A1_Ld23_v01s1_46_I
LdonovaniBPK282A1_Ld24_v01s1_60
LdonovaniBPK282A1 Ld34 v01s1 84 I
LenriettiiLEM3045_LenLEM3045_23_42_I
LenriettiiLEM3045_LenLEM3045_24_55_I
LenriettiiLEM3045_LenLEM3045_24_56
LenriettiiLEM3045_LenLEM3045_34_79_I
LgerbilliLEM452_LgeLEM452_23_40_I
LgerbilliLEM452_LgeLEM452_24_55_I
LgerbilliLEM452_LgeLEM452_24_56_I
LgerbilliLEM452_LGELEM452_SCAF000007_95_I
LinfantumJPCM5_LinJ.23_42_I
LinfantumJPCM5_LinJ.24_56_I
LinfantumJPCM5_LinJ.24_57_I
LinfantumJPCM5_LinJ.34_85
LmajorFriedlin_LmjF.23_50
LmajorFriedlin_LmjF.24_64_I
LmajorFriedlin_LmjF.24_65_I
LmajorFriedlin_LmjF.34_89_I
LmajorLV39c5_LmjLV39_23_48_I
LmajorLV39c5_LmjLV39_24_62_I
LmajorLV39c5_LmjLV39_24_63_I
LmajorLV39c5_LmjLV39_34_89_I
LmajorSD75_LmjSD75_23_50_I
LmajorSD75_LmjSD75_24_64_I
LmajorSD75_LmjSD75_24_65_I
LmajorSD75_LmjSD75_34_89_I
LmexicanaMHOMGT2001U1103_LmxM.23_67_I
LmexicanaMHOMGT2001U1103_LmxM.24_81
LmexicanaMHOMGT2001U1103_LmxM.24_82
LmexicanaMHOMGT2001U1103_LmxM.33_105_I
LpanamensisMHOMCOL81L13_LpaL13_20.1_39_I
LpanamensisMHOMCOL81L13_LpaL13_23_47_I
LpanamensisMHOMCOL81L13_LpaL13_24_61_I
LpanamensisMHOMCOL81L13_LPAL13_SCAF000321_99_I
LpanamensisMHOMPA94PSC1_CP009389_36_I
LpanamensisMHOMPA94PSC1_CP009392_45_I
LpanamensisMHOMPA94PSC1_CP009393_59_I
LpyrrhocorisH10_LpyrH10_03_14_I
LpyrrhocorisH10_LpyrH10_05_30_I
LpyrrhocorisH10_LpyrH10_11_71_I
LpyrrhocorisH10_LpyrH10_11_73_I
LpyrrhocorisH10_LpyrH10_25_122_I
LseymouriATCC30220_Lsey_0029_8_I
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| LseymouriATCC30220_Lsey_0029_10_I | CTGTTGGGAG | CA |
|---|--|----------|
| LseymouriATCC30220_Lsey_0039_13_I | CTGTTGGGAG | CA CA |
| LseymouriATCC30220_Lsey_0053_19_I | CCGCCAGGAG | CA |
| LseymouriATCC30220_Lsey_0130_55_I | | |
| LspMARLEM2494_LMARLEM2494_23_39_I | | |
| LspMARLEM2494_LMARLEM2494_24_53_I | CTGTTGGGAG | |
| | | |
| LspMARLEM2494_LMARLEM2494_34_75_I | CTGTTGGGAG | |
| LtarentolaeParrotTarII_LtaP23_37_I | CCGCCGGGAG | CA |
| LtarentolaeParrotTarII_LtaP24_50_I | C <mark>TG</mark> TT <mark>GGGA</mark> G | |
| LtarentolaeParrotTarII_LtaP24_51_I | CTGTTGGGAG | |
| LtarentolaeParrotTarII_LtaP34_79_I | CTGTTGGGAG | |
| LtropicaL590_LtrL590_23_49_I | CCGCCGGGAG | |
| LtropicaL590_LtrL590_24_63_I | | |
| LtropicaL590_LtrL590_24_64_I | CTGTTGGGAG | CA |
| LtropicaL590_LtrL590_34_93_I | CTGTTGGGAG | |
| | | |
| LturanicaLEM423_LtuLEM423_23_42_I | | |
| LturanicaLEM423_LtuLEM423_24_57_I | CTGTTGGGAG | CA |
| LturanicaLEM423_LtuLEM423_24_58_I | <mark>CTG</mark> TT <mark>GGGA</mark> G | |
| LturanicaLEM423_LTULEM423_SCAF000129_98_I | CTGTTGGGAG | CA |
| LturanicaLEM423_LTULEM423_SCAF000130_103_I | CTGTTGGGAG | |
| PconfusumCUL13_Pcon_scaffold00074_88_I | CCGCCAGGAG | CA |
| TbruceigambienseDAL972_Tbg972_08_28_I | CTGTTGGGAG | |
| TbruceigambienseDAL972_Tbg972_08_33_I | CCGCCGGGAG | CA |
| TbruceiLister427_Tb427_08_v4_32_I | CTGTTGGGAG | |
| | | |
| TbruceiLister427_Tb427_08_v4_36_I | CTGTTGGGAG | CA |
| TbruceiLister427_Tb427_08_v4_40_I | CCGCCGGGAG | CA |
| TbruceiTREU927_Tb927_08_v5.1_31_I | CTGTTGGGAG | |
| TbruceiTREU927_Tb927_08_v5.1_35_I | C <mark>TG</mark> TTGGGAG | CA |
| TbruceiTREU927_Tb927_08_v5.1_39_I | CCGCCGGGAG | |
| TcongolenseIL3000_T.congo_bin_contig_1714_25_I | CTGTTGGGAG | CA |
| TcongolenseIL3000_T.congo.pschr.8_78_I | | |
| TcongolenseIL3000_T.congo.pschr.8_81_I | CTGTTGGGAG | CA |
| TcruziCLBrener_Tcruzi_11019_2_I | C <mark>ATTCGTTC</mark> G | CA |
| TcruziCLBrenerEsmeraldo-like_TcChr22-S_9_I | CCGCCAGGAG | |
| | CTGTTGGGAG | |
| TcruziCLBrenerEsmeraldo-like_TcChr26-S_23_I | CTGTTGGGAG | |
| TcruziCLBrenerEsmeraldo-like_TcChr41-S_57_I | | CA |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr22-P_10_I | CCGCCAGGAG | |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr26-P_25_I | CTGTTGGGAG | CA |
| TcruziCLBrenerNon-Esmeraldo-like_TcChr41-P_54_I | CTGTTGGGAG | |
| TcruzicruziDm28c_MBSY01000058_2_I | CTGTTGGGAG | CA |
| TcruzicruziDm28c_MBSY01000093_5_I | CCGCCAGGAG | CA |
| TcruzicruziDm28c_MBSY01000240_26_I | CTGTTGGGAG | CA |
| TcruzicruziDm28c_MBSY01000548_47_I | | CA |
| TcruzicruziDm28c MBSY01000739 100 I | CCGCCAGGAG | |
| | CTGTTGGGAG | |
| TcruziDm28c_AYLP01000078_19_I | | CA |
| TcruziDm28c_AYLP01000135_37_I | CCGCCAGGAG | CA |
| TcruziDm28c_AYLP01000485_44_I | | CA |
| TcruziEsmeraldo_ANOX01013115.1_21_I | | CA |
| TcruziEsmeraldo_ANOX01013135.1_23_I | | |
| TcruziEsmeraldo_KB205264.1_40_I | CTGTTGGGAG | CA |
| TcruziEsmeraldo_KB205393.1_57_I | CTGTTGGGAG | CA |
| TcruziEsmeraldo_KB205774.1_79_I | | CA |
| TcruziJRc14_AODP01008205.1_6_I | CTGTTGGGAG | CA |
| TcruziJRc14 AODP01010036.1 8 I | CTGTTGGGAG | |
| TcruziJRc14_KB222969.1_64_I | | |
| TcruziJRc14_KB223000.1_71_I | | CA |
| TcruzimarinkelleiB7_TcMARK_CONTIG_2326_34_I | CTGTTGGGAG | CA |
| | | |
| TcruzimarinkelleiB7_TcMARK_CONTIG_3490_45_I | CTGTTGGGAG | CA |
| TcruzimarinkelleiB7_TcMARK_CONTIG_722_58_I | CCGCCAGGAG | CA |
| TcruziSylvioX10-1-2012_ADWP02000205_1_I | CC <mark>G</mark> CC <mark>A</mark> GGAG | |
| TcruziSylvioX10-1-2012_ADWP02006284_21_I | | |
| TcruziSylvioX10-1-2012_ADWP02006285_24_I | CTGTTGGGAG | CA |
| TcruziSylvioX10-1-2012_ADWP02016913_64_I | | CA |
| TcruziSylvioX10-1_TcX10_chr21_29_I | | |
| TcruziSylvioX10-1_TcX10_chr22_30_I | | CA |
| TcruziSylvioX10-1_TcX10_chr31_39_I | CTGTTGGGAG | CA |
| TcruziSylvioX10-1_TcX10_chr37_45_I | | |
| TcruziTulacl2_AQHO01024116.1_36_I | CTGTTGGGAG | CA |
| TcruziTulacl2_AQHO01027870.1_53_I | CTGTTGGGAG | CA |
| | | |
| TcruziTulacl2_AQHO01034196.1_67_I | | |
| TcruziTulacl2_KB851533.1_117_I | CCGCCAGGAG | CA |
| TcruziTulacl2_KB852025.1_144_I | | CA |
| TcruziTulacl2_KB852086.1_146_I | | |
| TevansiSTIB805_STIB805_Chr08_31_I | CTGTTGGGAG | CA |
| TevansiSTIB805_STIB805_Chr08_35_I | | CA |
| TevansiSTIB805_STIB805_Chr08_39_I | | |
| TgrayiANR4_JMRU01001200_74_I | CTGTTGGGAG | CA |
| TgrayiANR4_JMRU01001200_78_I | CTGTTGGGAG | |
| TrangeliSC58_AUPL01002787_6_I | CTGTTGGGAG | CA |
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