

Supplementary Data 2. Sequence of the plasmid used for recombineering of the tbx5a:tdTomato BAC.

LOCUS tdTomato_tbx5a_homology_arms 7528 bp ds-DNA linear
09-AUG-2017

COMMENT ApEinfo:methylated:1
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61 ATTTTAAAC CAATAGGCCG AAATCGGCAA AATCCCTTAT AAATCAAAAG AATAGACCGA
121 GATAGGGTTG AGTGTGTTC CAGTTTGGAA CAAGAGTCCA CTATTAAAGA ACGTGGACTC
181 CAACGTCAAA GGGCGAAAAA CCGTCTATCA GGGCGATGGC CCACTACGTG AACCATCACC
241 CTAATCAAGT TTTTGGGGT CGAGGTGCCG TAAAGCACTA AATCGGAACC CTAAAGGGAG
301 CCCCCGATTT AGAGCTTGAC GGGGAAAGCC GGCGAACGTG GCGAGAAAGG AAGGGAAGAA
361 AGCGAAAGGA GCGGGCGCTA GGGCGCTGGC AAGTGTAGCG GTCACGCTGC GCGTAACCAC
421 CACACCCGCC GCGCTTAATG CGCCGCTACA GGGCGCGTCC CATTGCGCAT TCAGGCTGCG
481 CAACTGTTGG GAAGGGCGAT CGGTGCGGGC CTCTTCGCTA TTACGCCAGC TGGCGAAAGG
541 GGGATGTGCT GCAAGGCGAT TAAGTTGGGT AACGCCAGGG TTTTCCAGT CACGACGTTG
601 TAAACGACG GCCAGTGAAT TGTAATACGA CTCACTATAG GGCGAATTG GTACCGGGCC
661 CCCCCTCGAG GTCGACTTAT AGGCCAGCAA TCGCTTCAGA TTCATGAATG ATCGGTGTAC
721 AAATATTAG TGATACACAC ATAATCATCA ACTGTTGGTT ATTTAATAGA AAACCAGCTA

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781	TCGTTACCA	GTGCATTTGT	TTTCCTGAAC	TACAATAAAG	TTTTAATGGA	GGCCCGTGT
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901	TGTGCATTTT	AATGTGCGTG	TTTGGTGCAA	AGTTGAGTCC	ACCTGAATAA	TGTTTTGTGCA
961	GAGAGCTCCA	AATTATAAAA	TGTTTAATAG	GATCAGAGTT	TTATTCTTAT	TGATAAATGT
1021	TTGCTTTTTT	CTAATTAACA	CTGCTGTACT	GTAATAAAGT	TAATTTTCGGT	TGTTGTTGAA
1081	TGTTTTTCATT	AAATCAGATT	CAAGAGCACA	CTGATAAGTT	ATATCACCGT	AATCAAATGC
1141	ATACGGGCGT	CTTGAAGTGA	TGCAATCTGA	ACTAAACTGC	AGAAATATTT	GATGTAAAT
1201	CTTTTTGTTT	CTGTATTTAG	GCCTCACGGT	AGACATCGTA	CAGGCCTCTC	CGCCatggtg
1261	agcaagggcg	aggaggtcat	caaagagttc	atgcgcttca	aggtgcgcat	ggagggctcc
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1381	cagaccgcca	agctgaaggt	gaccaagggc	ggccccctgc	ccttcgcctg	ggacatcctg
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2581	gacatcacct	cccacaacga	ggactacacc	atcgtggaac	agtacgagcg	ctccgagggc
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2701	AGATCATAAT	CAGCCATACC	ACATTTGTAG	AGGTTTTACT	TGCTTTAAAA	AACCTCCAC
2761	ACCTCCCCCT	GAACCTGAAA	CATAAAATGA	ATGCAATTGT	TGTTGTTAAC	TTGTTTATTG
2821	CAGCTTATAA	TGGTTACAAA	TAAAGCAATA	GCATCACAAA	TTTCACAAAT	AAAGCATTTT
2881	TTTCACTGCA	TTCTAGTTGT	GGTTTGTCCA	AACTCATCAA	GCTTGATATC	GAATTCGGAA
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3061	CAGTCTGGAG	CATGCGCTTT	AGCAGCCCCG	CTGGGCACTT	GGCGCTACAC	AAGTGGCCTC
3121	TGGCCTCGCA	CACATTCCAC	ATCCACCGGT	AGGCGCCAAC	CGGCTCCGTT	CTTTGGTGGC
3181	CCCTTCGCGC	CACCTTCTAC	TCCTCCCCCTA	GTCAGGAAGT	TCCCCCCCCG	CCCGCAGCTC
3241	GCGTCGTGCA	GGACGTGACA	AATGGAAGTA	GCACGTCTCA	CTAGTCTCGT	GCAGATGGAC
3301	ACCACCGCTG	AGCAATGGAA	GCGGGTAGTC	CTTTGGGGCA	GCGGCCAATA	GCGATTTTGC
3361	TCCTTCGCTT	TCTGGGCTCA	GAGGCTGGGA	AGGGGTGGGT	CCGGGGGCGG	GCTCAGGGGC
3421	GGGCTCAGGG	GCGGGGCGGG	CGCCCGAAGG	TCCTCCGGAG	GCCCCGCATT	CTGCACGCTT
3481	CAAAAGCGCA	CGTCTGCCGC	GCTGTTCTCC	TCTTCCTCAT	CTCCGGGCCT	TTGACCTGC
3541	AGCCTGTTGA	CAATTAATCA	TCGGCATAGT	ATATCGGCAT	AGTATAATAC	GACAAGGTGA
3601	GGAACATAAC	CATGGGATCG	GCCATTGAAC	AAGATGGATT	GCACGCAGGT	TCTCCGGCCG
3661	CTTGGGTGGA	GAGGCTATTG	GGCTATTGAC	GGGCACAACA	GACAAATCGC	TGCTCTGATG
3721	CCGCCGTGTT	CCGGCTGTCA	GCGCAGGGGC	GCCCGTTTCT	TTTTGTCAAG	ACCGACCTGT
3781	CCGGTGCCCT	GAATGAAGT	CAGGACGAGG	CAGCGCGGCT	ATCGTGGCTG	GCCACGACGG
3841	GCGTTCCTTG	CGCAGCTGTG	CTCGACGTTG	TCACTGAAGC	GGGAAGGGAC	TGGCTGCTAT
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4201	CGAATATCAT	GGTGGAAAAAT	GGCCGCTTTT	CTGGATTTCAT	CGACTGTGGC	CGGCTGGGTG
4261	TGGCGGACCG	CTATCAGGAC	ATAGCGTTGG	CTACCCGTGA	TATTGCTGAA	GAGCTTGGCG
4321	GCGAATGGGC	TGACCGCTTC	CTCGTCTTCT	ACGGTATCGC	CGCTCCCGAT	TGCGACGCGA
4381	TGCGCTTCTA	TCGCCTTCTT	GACGAGTTCT	TCTGAGGGGA	TCAATTCTCT	AGAGCTCGCT
4441	GATCAGCCTC	GACTGTGCCT	TCTAGTTGCC	AGCCATCTGT	TGTTTGCCCC	TCCCCCGTGC
4501	CTTCCTTGAC	CCTGGAAGGT	GCCACTCCCA	CTGTCTTTTC	CTAATAAAAT	GAGGAAATTG
4561	CATCGCATTG	TCTGAGTAGG	TGTCATTCTA	TTCTGGGGGG	TGGGGTGGGG	CAGGACAGCA
4621	AGGGGGAGGA	TTGGGAAGAC	AATAGCAGGC	ATGCTGGGGA	TGCGGTGGGC	TCTATGGCTT
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4981	TCAACAGGTA	ACGTCAACTA	GTGCCTCGAT	GGTGCGTGTG	CGTGTGTGTG	TGTGTGTGCA
5041	AGTGCTTTAT	GGTAAACTAA	ACCTGATAAA	CACCTCTCTT	TTAGAATTAT	TTGCATCATT
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7501	CCGCGCACAT	TTCCCCGAAA	AGTGCCAC			

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