

Table S7. Primers for sequencing of the starch synthesis related genes in rice

Gene name	Primer set	Forward	Primer sequences	Reverse	Primer sequences
<i>Wx</i>	WX-1	WX-1 F	CAACAGAAACCACACACCACC	WX-1 R	CCTAACCAAACATAACGAACG
	WX-2	WX-2 F	CATTCCTTCAGTTCTTTGTCTATC	WX-2 R	GATTGGGGATTAGAATTTGAAGC
	WX-3	WX-3 F	CCACCCAAGAAACTGCTCCT	WX-3 R	CTAATGATGACTCCACCTTCTCC
	WX-4	WX-4 F	CGAGAGGGTGAGGTTTTTCC	WX-4 R	GTGAGCCGCATGATGTTGTC
	WX-5	WX-5 F	CGACGGGTATGAGTAAGATTC	WX-5 R	GGCTGGAGAAATCAACAAGG
	WX-6	WX-6 F	CAGGGGATGAGATACGGAAC	WX-6 R	CTGGTTCATTCGTCTCTCATCC
	WX-7	WX-7 F	TGCGAAGAAGTGGGAGAATG	WX-7 R	TCAACCAGAGCCACAACCTC
<i>AGPiso</i>	AGPiso-1	AGPiso-1F	GCTTGGAACAACCTCTTATG	AGPiso-1R	CACGAAAAAGAACCTGAACAAG
	AGPiso-2	AGPiso-2 F	CGAATGAAATGCTGTTTTATCTATG	AGPiso-2 R	CAATCTTTCCATCAACCTCTCAG
	AGPiso-3	AGPiso-3 F	CAGGTTTGTCTGGGACTTTGAG	AGPiso-3 R	CAAATGGATAGTAATGTAGTAACCG
	AGPiso-4	AGPiso-4 F	CTGGTATCATTGTTATTTTCG	AGPiso-4 R	GTTGGATAAGGCACGCTCATAG
	AGPiso-5	AGPiso-5F	CTACACAAATGCCTGACGAACC	AGPiso-5 R	CCAGCAACCACAAAACACTAAG
	AGPiso-6	AGPiso-6 F	GTTTGACCAGTAGTTTCCATTGTG	AGPiso-6 R	GTCTCATACTTTGGAAACACG
	AGPiso-7	AGPiso-7 F	GGCGAGAACACAAAGATAAGG	AGPiso-7 R	CCCAACCTCTACCTTCAAATG
<i>AGPsm</i>	AGPsm-1	AGPsm-1 F	GTAGAAGGTGTAAATGAACGATGC	AGPsm-1 R	GTGAAATAGACTCGTCGGTAACTAAC
	AGPsm-2	AGPsm-2 F	CGAGTTGGTAATGGTAAAGGATG	AGPsm-2 R	CAGTGGAGTGTGAGAGGCTTCAG
	AGPsm-3	AGPsm-3 F	CACACATCATCACTGGGACAAC	AGPsm-3 R	GCTTCGCCCTCTTCTTTGTC
	AGPsm-4	AGPsm-4 F	GCAGAGTGTCTTGGGATCATC	AGPsm-4 R	CCTCCCTTCATCATCAATCTTC
	AGPsm-5	AGPsm-5 F	GGAGTTTCTCATTTTGGCTGG	AGPsm-5 R	CTTCACCAATAAACTGTCTGTAC
	AGPsm-6	AGPsm-6 F	GCTTCTATGACCGTCTGCC	AGPsm-6 R	CTGGTCATCTCTGGAAAAGTG
	AGPsm-7	AGPsm-7 F	GGTTTTGCCTTGTGAGTATGG	AGPsm-7 R	CCACATTTGAGACACGGTTTTTC
<i>ISA</i>	ISA-1	ISA-1 F	GTTACTTGTGCCTGTGCCCGC	ISA-1R	CCAATTTATCCCGTTACTGAC
	ISA-2	ISA-2 F	GAGGCGTTTTTCGTGCTATCTAC	ISA-2 R	CACCCTCCTCCTCATCCTCC

	ISA-3	ISA-3 F	CCCCAACTATAAATAATCCACCG	ISA-3 R	CAGCAACCAGATAATCGGATAATG
	ISA-4	ISA-4 F	TACGGTATGCCAACGAATCAGT	ISA-4 R	GATGGTAGCGTTAGCAGTAGGTC
	ISA-5	ISA-5 F	CGAATCTTACTCTCGAAAAC TG	ISA-5 R	CAGGATGATTACAGTTGAAGGTAT TC
	ISA-6	ISA-6 F	GTGTTTGTGCCTACAGGGAGAG	ISA-6 R	GTTGTTACCTTTCCATTCCATTC
	ISA-7	ISA-7 F	GGGACTTATAATATCAAATGGAGGG	ISA-7 R	CAAATAGAAGCCTCACCAGACAC
	ISA-8	ISA-8 F	CGACTTGCGAGTAAAGAAAATG	ISA-8 R	GTTGTTGTTGCCTCCTTTTGTATG
	ISA-9	ISA-9 F	CCACTTTTATTAGTCACATCTTCTG	ISA-9 R	CAAGGATGATGGAGGAGTAGC
	ISA-10	ISA-10 F	CTTATGACTTCCTCACCGACGAC	ISA-10 R	CTTCGCCCTCTCTTCTGATG
<i>SBE1</i>	SBE1-1	SBE1-1 F	GTGGTCAGAAGAAATCACGGAAG	SBE1-1 R	AGCAGTGGGGGAATAAAAACG
	SBE1-2	SBE1-2 F	CACCAAAAAGCAACTGATAACAAG	SBE1-2 R	CGAAGAAACCACGCTCAGG
	SBE1-3	SBE1-3 F	GGTTATTGATGGTGTGGTGGTC	SBE1-3 R	CACGAAAAAACAAGCAAGCG
	SBE1-4	SBE1-4 F	GTGTGGTGTCTGTCTTCCCTCC	SBE1-4 R	GAGAGTTTCCAAGCATAGGAGC
	SBE1-5	SBE1-5 F	CTGCTTTCCATCCTTCTCC	SBE1-5 R	CCA ACTACAATCGGACACAGATAA C
	SBE1-6	SBE1-6 F	CGGTAATAGAGATGTTTTGAGTTTTC	SBE1-6 R	CCTTG TAGTTTTCCAGTAAATCCC
	SBE1-7	SBE1-7 F	GATAGGGGCTACCATAAACTCTG	SBE1-7 R	GA ACTAGCACCATGAAATCAACAA C
	SBE1-8	SBE1-8 F	CCTGCTTCACCTACCATCAAC	SBE1-8 R	CCTTGGCATTTCGTCTTTATC
	SBE1-9	SBE1-9 F	GCAGCACCTTTTGGTTGTTTG	SBE1-9 R	GAATGAGTTAGGGCGGTTGTTG
	SBE1-10	SBE1-10 F	CTCCTAAACTATTGAGGCACCAC	SBE1-10 R	GTGTTTTGTGTCATTGTGTGAGTG
<i>SBE3</i>	SBE3-1	SBE3-1 F	GATGATGAGGAAAGGGGATAGAG	SBE3-1 R	CATTTTTCTGTTCTGCTCTGTCAC
	SBE3-2	SBE3-2 F	GAAAGGATGATGGACCACAGG	SBE3-2 R	CGGACGAGAACAACAAGGTG
	SBE3-3	SBE3-3 F	GAGGGTTTAGGTGGAAGCAGAG	SBE3-3 R	GTGGGACA ACTCGTGGTTTC
	SBE3-4	SBE3-4 F	AAGGCGTGAAGAGAGTGGTTG	SBE3-4 R	GGTAAATGGTGAGACTATCAAAG AAC
	SBE3-5	SBE3-5 F	AACCGCACATCACTTCTCTGG	SBE3-5 R	GCTTGATACAGGGAGATGCTC
	SBE3-6	SBE3-6 F	GAGAAGATGAGTAGCTTGAGGTTG	SBE3-6 R	GCACCTCATCCCTAAAGTTTG

SSII-3

SBE3-7	SBE3-7 F	GATTTTCCTGTACTATGCTGGCTG	SBE3-7 R	CACAGAAGATCCCACAAACTCAAG
SBE3-8	SBE3-8 F	GAAGGCTGTGGTGGTAAGTCTG	SBE3-8 R	CATCAGCATCAGTGGCAAATC
SBE3-9	SBE3-9 F	CCTTTATCTTATGATTCCACCCTC	SBE3-9 R	GCGACAGCCGAGACAAAATC
SBE3-10	SBE3-10 F	TTGATGACCAAATGCTCCACC	SBE3-10 R	CACACTTCTCTGACCACCTTCTG
SBE3-11	SBE3-11 F	TTGAAAGATGTGGTGCCAGAGT	SBE3-11 R	CAATAATCAGGTGACAGAGCAAAG
SBE3-12	SBE3-12 F	GGTTCTTGTACCTAGTATTTTCTGG	SBE3-12 R	CCAACACGGTAGTCAAAATAGC
SBE3-13	SBE3-13 F	GATGGGGGTTTTCTTATGGC	SBE3-13 R	GTTTTTCTTGCTCCTTCGCAC
SBE3-14	SBE3-14 F	GAATGAGAACACCAAGAGGCAG	SBE3-14 R	CAACTCCTCTACCTTCCAAGCC
SBE3-15	SBE3-15 F	CTGTCCTCTCTCCATCAAATCC	SBE3-15 R	CTTCCGTATCGTCTCCACCTC
ALK-1	ALK-1 F	GACACGAAGGAGGCAAAGTAGAC	ALK-1 R	CAGGTAGAATGGCAGTGGTGG
ALK-2	ALK-2 F	GCGACTATGGTTTGTGTGTGTTG	ALK-2 R	CTCCTCGTCGTCGTCCTCAC
ALK-3	ALK-3 F	GATGATGGGGAGAACGAGG	ALK-3 R	CATCTCCAAGCCCACCTGTG
ALK-4	ALK-4 F	CTTTGGCTGGGGAGAATGTC	ALK-4 R	GGAAGAGAGGAGCGTCAATG
ALK-5	ALK-5 F	GAAATACTACAAGGCTGCTGGAC	ALK-5 R	GAAGAAGAGTTTATCGTGTCCCTG
ALK-6	ALK-6 F	CACTCGCTCTGTCCCTGTGATAC	ALK-6 R	GATGATGTCCACACCTTTCTGC
ALK-7	ALK-7 F	GACGGCTACGCCAACTACAC	ALK-7 R	GCTTTTAGGTGTCTTTCCTGGTG
ALK-8	ALK-8 F	TCAGATTGGTGAAGTTGTGCC	ALK-8 R	CATTGTTGTTGGAGGTGAGTGA
SSI-1	SSI-1 F	GATGTGATGGGAAAGTTGGAAG	SSI-1 R	CAATGTTATGGGTTTGTGAAGTG
SSI-2	SSI-2 F	GATTCTGATTCGGATGACGG	SSI-2 R	GCATTGATACGGGAGGAGAG
SSI-3	SSI-3 F	GACACAGCAGCAGCAGGATC	SSI-3 R	GTTGTCATTGCTCCCTTCTGC
SSI-4	SSI-4 F	GACCCACCTCGCTATCTGTTG	SSI-4 R	GGTAAACTCAACAAGGAATCAATC
SSI-5	SSI-5 F	GTCACAACCTGGTAATAGATGTAGATGG	SSI-5 R	GCCATTTAGACTACAGGATTTTCC
SSI-6	SSI-6 F	TCTGAAAATCTCCCTGCCTATG	SSI-6 R	CAGCAGTTGTGACCTCCCAT
SSI-7	SSI-7 F	CTGTCAGCCAGGTGAGATTCC	SSI-7 R	GGAAATAACAGACTGGCTGGC
SSI-8	SSI-8 F	GCAAGTCATAAAAGAAAGATAGCAG	SSI-8 R	CCTGCAATATGTCCCAAGTAGC
SSI-9	SSI-9 F	GAGAAAGGAGAGCAGGGTACAG	SSI-9 R	CCTCGCTTCATTAGACCCTCC

	SSI-10	SSI-10 F	GGTATTTTCAGGGCACAAGC	SSI-10 R	GCACTGGAGGCTCTTCTCTATG
	SSI-11	SSI-11 F	GTTAGCAGGCACAGGCACTC	SSI-11 R	TGATTGATACACCCCCATTCC
<i>AGPlar</i>	AGPlar-1	AGPlar-1F	CAAGGACAGGAAACACACATCG	AGPlar-1R	GACAGAAATGATGAAACGAAGC
	AGPlar-2	AGPlar-2 F	GAGCCTGTTTCTTGATGTTTGC	AGPlar-2 R	CCAAGACACATCCTCCTCACTG
	AGPlar-3	AGPlar-3 F	GTGAGCCCAATAAGGAGAGG	AGPlar-3 R	CACCAAGTCAACAACCACGC
	AGPlar-4	AGPlar-4 F	TGGTGGTGGAAATCAACTTTACTG	AGPlar-4 R	CCAAACAGGTGAAAGGAAATC
	AGPlar-5	AGPlar-5 F	CTTATTGCAGTAGTATGGTTTCTCC	AGPlar-5 R	TGTGGTTCAAGCCTTCAGGTC
	AGPlar-6	AGPlar-6 F	CAAGACTACTGTCAGAAGGCAAGG	AGPlar-6 R	GCAGCGAAACAGAAAATGGAG
<i>SSII-1</i>	SSII-1 1	SSII-1 1F	GAAGAGAAAGGCACGACGAC	SSII-1 1R	GAGAGTTAGATCAGATGGTCATCG
	SSII-1 2	SSII-1 2 F	GTCTCCAACCTTGACTGCCATC	SSII-1 2 R	CCAATCAACGAACATCCACG
	SSII-1 3	SSII-1 3 F	GACTCCACCACCTTCTCCTCC	SSII-1 3 R	CAACAACGCATAGACACCTGC
	SSII-1 4	SSII-1 4 F	ATCATCCACGGTGAGCCATC	SSII-1 4 R	ATTCAAGGTCGTTTCGCAGG
	SSII-1 5	SSII-1 5 F	CTTGCTGGAATGTGAAATGTTAC	SSII-1 5 R	GCTCTTCTACAACAGGCAGGA
	SSII-1 6	SSII-1 6 F	ACCTATGTCCTGATGAAGCCTC	SSII-1 6 R	GAGAGATGAATGCGACTGGTG
	SSII-1 7	SSII-1 7 F	GAGGGAGGCAATGGTGGTG	SSII-1 7 R	CTGGTATCTCCTTGGCTCTCC
	SSII-1 8	SSII-1 8 F	TGGTGGTTACATTTGTAGAAGTGC	SSII-1 8 R	CATCACCGTAGCAGTAGCCAC
	SSII-1 9	SSII-1 9F	TGGTTAGCCCTGTTTCTCTGTC	SSII-1 9 R	GAAAGCAATGACAGGAACATCG
	SSII-1 10	SSII-1 10 F	TCAGGCAGGTAAACAGCAATG	SSII-1 10 R	GTATCAATGTCAATGTCATCTGGG
	SSII-1 11	SSII-1 11 F	CCCTGGGTAGGTTGTTGAGC	SSII-1 11 R	CCAGGAAACCGTGAGACGA
<i>SSII-2</i>	SSII-2 1	SSII-2 1F	GAACCTTAGCCCTCAAACAACCTC	SSII-2 1R	TGTAAATCCACCCAGCCAGTC
	SSII-2 2	SSII-2 2F	ATCCTGTTGGTGTGGCTGC	SSII-2 2R	CCATACAAGTGCCACCAAACC
	SSII-2 3	SSII-2 3F	GCTGGCTCCTCCTCCTCTTC	SSII-2 3R	CACAACATCTCCAAGACCACC
	SSII-2 4	SSII-2 4F	CACTGGACAAGAAGGAAGACG	SSII-2 4R	GCTTCAAACATCCTGCCATC
	SSII-2 5	SSII-2 5F	CGATGGTGTGATTTTGTGTTTC	SSII-2 5R	GATTGAATTACATTGCGAAACG
	SSII-2 6	SSII-2 6F	TATGACACCAGTTTTGTTCTTACG	SSII-2 6R	GGTACGTGTTGAGGCAGTGC
	SSII-2 7	SSII-2 7F	CGTCCTCCTGATGCCGTC	SSII-2 7R	ATTGTGGTCAGGCTCAGGC

<i>SSIII-1</i>	SSIII-1 1	SSIII-1 1F	ACAGTTTGTGTTTCCTGAGTTACG	SSIII-1 1R	GAGAGCCGTGTATGCCTTCG
	SSIII-1 2	SSIII-1 2F	GGTGA CTGCTTGAAACTGGG	SSIII-1 2R	CCTTGTCC TTGTAAATCTCCTGC
	SSIII-1 3	SSIII-1 3F	GGATTGTGCGGTTCTGCTTC	SSIII-1 3R	AACAAAACACTTATTCCCAGCC
	SSIII-1 4	SSIII-1 4F	GTTCTGTTTGCTGATGATGACC	SSIII-1 4R	ACCCAGTCTAACACCAATGCC
	SSIII-1 5	SSIII-1 5F	TATGACTTGAAGACACCTACTGATG	SSIII-1 5R	CTTCATTTTCTTGTGTGGCTCC
	SSIII-1 6	SSIII-1 6F	CTAATCCCACTTGT TTTTCACCG	SSIII-1 6R	CAGCGATGTT CACACTCTCACC
	SSIII-1 7	SSIII-1 7F	CAAATCAACTGTAAGTGCTGGAG	SSIII-1 7R	CAGAATGACAGCACTTGTGTATGA G
	SSIII-1 8	SSIII-1 8F	ATGCCATTTTCTCCGTTCTC	SSIII-1 8R	CAGTGTGGCATCTATGAGCAAG
	SSIII-1 9	SSIII-1 9F	CTTGGACTACAGCAA CTGATAACC	SSIII-1 9R	CTCACAACCGCAGGATAACG
<i>SSIII-2</i>	SSIII-2 1	SSIII-2 1F	GAGCAGGCTGAAGGTCGTC	SSIII-2 1R	CGTATGAAGGGAAATCGTCC
	SSIII-2 2	SSIII-2 2F	CAAGTTCAGGTTTGTGTAGGATAGC	SSIII-2 2R	GCTTCATCCACCACATCCAC
	SSIII-2 3	SSIII-2 3F	CTTCAAGCACTGTAATGTATGGG	SSIII-2 3R	GACTGGCTTTTCCCTATGGACAC
	SSIII-2 4	SSIII-2 4F	CCAGCGTTTATCAACAAGAAGG	SSIII-2 4R	GACTAAACGACCATTGAAGAACAC
	SSIII-2 5	SSIII-2 5F	TGTCCACATCAAAGGAGCATTC	SSIII-2 5R	AGCCAACAAAATACATCAGAACC
	SSIII-2 6	SSIII-2 6F	ATCAGAGAACGGGAGGAAGC	SSIII-2 6R	CTCCAGTTACAGAATTGTCGTAGC
	SSIII-2 7	SSIII-2 7F	CAAGCACTGTTGAAGTATATGTCTAGC	SSIII-2 7R	CTAACTGAGAAAGGAAGGACAAC AC
	SSIII-2 8	SSIII-2 8F	GTTTCTGTGGTGGTTTTGTGCG	SSIII-2 8R	GCAAAACACATTACATGGATTCTC
	SSIII-2 9	SSIII-2 9F	CTTTCTTTGTTTCCATGTTTTGCG	SSIII-2 9R	AAGAGGAGTAAAGTGAATGTAAG GTG
	SSIII-2 10	SSIII-2 10F	GTTCTTGTTTTCCATGCTTGC	SSIII-2 10R	AACCACCTAAAAAGCAAACACATC
	SSIII-2 11	SSIII-2 11F	ACTTGAACGCAATGGACAGG	SSIII-2 11R	GCAGAGGGAGTGGAAACCAAC
	SSIII-2 12	SSIII-2 12F	GCTTGGTGGTCTATTGTTTATGTG	SSIII-2 12R	GGCTTTAGGAATCGTGATGG
<i>SSIV-1</i>	SSIV-1 1	SSIV-1 1F	AGTTGAGGAGGCAGTGGGAG	SSIV-1 1R	GGATGCTTTCACGGTTTCAC
	SSIV-1 2	SSIV-1 2 F	CGATGGACGAAAATCACACG	SSIV-1 2 R	CAGATTGGTCAGGCACTCACC
	SSIV-1 3	SSIV-1 3 F	GCTCTCCTGTCCCTCTCATGTG	SSIV-1 3 R	GTTTGAAGGAGGTGTGGAAGTG
	SSIV-1 4	SSIV-1 4 F	TACTGCCTTACTGGGGTGGTC	SSIV-1 4 R	TCTAACAGTGACCTTTCTTTCTCC

	SSIV-1 5	SSIV-1 5 F	CAACCAAAGGGAACATAAATACAG	SSIV-1 5 R	AAGGTCCGTGTGTTGTAATGG
	SSIV-1 6	SSIV-1 6 F	GTGGTGTCCAAATCTGCCTC	SSIV-1 6 R	GTCAAACAATACAGCACACTAATC C
	SSIV-1 7	SSIV-1 7 F	GTGCCACATTGCCTGCTTAG	SSIV-1 7 R	CAGTCGTATTTGGGAAGAACAATC
	SSIV-1 8	SSIV-1 8 F	CTGCTTGGATTTGAAGTATTGC	SSIV-1 8 R	CACCCTGAAACCAATAAGAAGC
	SSIV-1 9	SSIV-1 9 F	CTTGATGTTGAGCAGTTGGATAG	SSIV-1 9 R	GTGTAGGAGGCTTTGGTCTCTC
	SSIV-1 10	SSIV-1 10 F	TAGGGCTGTATTCTGAGGATGC	SSIV-1 10 R	TGGCAAATCAAGAACTCATAGG
	SSIV-1 11	SSIV-1 11 F	CAAAAGGGTCTACATCTTATCAGG	SSIV-1 11 R	CCATAGGTTTTCTGCTGTAGTAGC
	SSIV-1 12	SSIV-1 12 F	CTGGTGGATTGTGTGATAGGTG	SSIV-1 12 R	CTTAGCCACCCATTCTTCTCAC
<i>SSIV-2</i>	SSIV-2 1	SSIV-2 1F	CTTCCCCAGCCTCCGCATC	SSIV-2 1R	CATTTTTCTGTGAAGATAGCCTGC
	SSIV-2 2	SSIV-2 2 F	GTATGTGGTGTAGATTGAAGTCCC	SSIV-2 2 R	GATTGCGTCCCAGAACCATAG
	SSIV-2 3	SSIV-2 3 F	CTCTTTTAGATGCTTCGCTTAGG	SSIV-2 3 R	CCAAACCACCAACCTAAAGAATC
	SSIV-2 4	SSIV-2 4 F	GCTGATTAGATGTGAACTACTGATG	SSIV-2 4 R	GCATCCTGTCTTCCCTATCAAG
	SSIV-2 5	SSIV-2 5 F	GCAAATCTGGGCTTCAACTC	SSIV-2 5 R	CCACCCTGAGCACCAGAAG
	SSIV-2 6	SSIV-2 6 F	GTCTTGCCGACCATCTAACG	SSIV-2 6 R	CAATGACTTCTAACCGTGCTGC
	SSIV-2 7	SSIV-2 7 F	GACGCTCTATTGATTTGCTGAC	SSIV-2 7 R	CAATACCCTCAAACCTCTCTCTGC
	SSIV-2 8	SSIV-2 8 F	GTTGCTCTTGCTCCTTTTGTG	SSIV-2 8 R	CAGGCTTTCTATTGTAGTAGTTGAA C
	SSIV-2 9	SSIV-2 9F	CTGATGAAAAGGTGGATGTGC	SSIV-2 9 R	TCACTGGGACACGACAATGG
<i>PUL</i>	PUL-1	PUL-1 F	GAGAAAGAAGTGGAGACAAGGAC	PUL-1 R	CAAAGAAGAAAGTGATTAGAGGAT G
	PUL-2	PUL-2 F	GAGTGTCTTATCTGCCGTCG	PUL-2 R	CAATACCAGAAGAACCCCAAGG
	PUL-3	PUL-3 F	GAATCCAAACCTCTCAAATGC	PUL-3 R	CATCGTGGCATCTCTGCTTG
	PUL-4	PUL-4 F	TGTTTCATCTTCAGGGGTTTCG	PUL-4 R	CAACCAACCAAGTCCGTGTG
	PUL-5	PUL-5 F	CCTATGCCAGAGGGTATGTGTG	PUL-5 R	GCTTGTTGCTCATCTGAACCTG
	PUL-6	PUL-6 F	GTGAAAGGTTCTTGTTTGGTTGG	PUL-6 R	CTCACCTTTATTCTGGCTCTAATC
	PUL-7	PUL-7 F	CGTCCCTACAACACCACATCT	PUL-7 R	CGATGATTGATGGGCGTTC
	PUL-8	PUL-8 F	CTTGTCGTAGGTTGATGGGTTTC	PUL-8 R	GAAACGGAGGGAGTAACACACTG

	PUL-9	PUL-9 F	TACACCATCCTCACTACCAGACTC	PUL-9 R	TGGCAGATGTAATAGTGTGTCAGAGC
	PUL-10	PUL-10 F	CCAACTCATCGTGTGCTGTG	PUL-10 R	CCATTCCTGTTCTATTACATCAAC G
	PUL-11	PUL-11 F	GTTTTGCTTTTGTGGGTGTCC	PUL-11 R	TGTAGCAAGTTCACGCCTGG
	PUL-12	PUL-12 F	GGAAGGTGGAATAGACAGAACG	PUL-12 R	ATGTGCGATTACTTCAAGAATGG
	PUL-13	PUL-13 F	CTACAGTGCTAATGTGCTATGCC	PUL-13 R	CACCAACAATCAAAGAAAACATAG AG
	PUL-14	PUL-14 F	GTGATTTACCTTTTGTGCTGCTTAC	PUL-14 R	TTCTTCATTCTTATCTCTTGGAGG
	PUL-15	PUL-15 F	CTGCCCTCTTGACCTTGATG	PUL-15 R	ATGTTCCAGTATGATTGTTTGCC
	PUL-16	PUL-16 F	GCATTATGGTAGACAGGGAGC	PUL-16 R	TAGCCCAGTCTCTTCATATTCTTC
<i>SBE4</i>	SBE4-1	SBE4-1 F	TACTGCCGTTTCCTTTCTATGG	SBE4-1 R	CGAGACAGAGAGTTGAGGTGGA
	SBE4-2	SBE4-2 F	GATGCTCCGAAGTCAGAACAC	SBE4-2 R	AGAAGAAGAAGAGGAGCAAGAGT A
	SBE4-3	SBE4-3 F	AGAGAAAGGAGCCACAACAC	SBE4-3 R	CAGCGATTTGTAACACTAACTCAT C
	SBE4-4	SBE4-4 F	CGTTATTCCCTCCATTTTACTG	SBE4-4 R	GTAGTCAAGATGGTTCGAAATC
	SBE4-5	SBE4-5 F	GCATAAAGGTTGTGGCTGAAGA	SBE4-5 R	GTGACCACTGCCAAATCACG
	SBE4-6	SBE4-6 F	ATGAAGGTGGCTTGGATGC	SBE4-6 R	CGTGAGCCATGAGGAATAGC
	SBE4-7	SBE4-7 F	GGTGAAATGAATGGATGGCTA	SBE4-7 R	GGTCGTTTAGGTTGAGGATGTT
	SBE4-8	SBE4-8 F	GATACACCATCTGGCGTAAAGG	SBE4-8 R	ATGTGTTTATCTTCGGTTCCTGTA
	SBE4-9	SBE4-9 F	TTGTGAAACGGAGGAAGTATGAT	SBE4-9 R	CCATAGTTGAACAGGCGAGAA
	SBE4-10	SBE4-10 F	TCGGAACCTATTGTACTTGGACT	SBE4-10 R	TGCCTGTAGTTCTTCCAATGC
	SBE4-11	SBE4-11 F	ATGACTCCTGCTGCTGATACTTG	SBE4-11 R	ACACACTTCTCTGACCACCTTCTA
	SBE4-12	SBE4-12 F	GCTGGAACTTCGGTGATTGT	SBE4-12 R	CGAGGTGTTGAAGGTCTGTCT
	SBE4-13	SBE4-13 F	GGATTGTTGAGACTTGGAACATAC	SBE4-13 R	TGGGTGTCATTTGCTGGGA
	SBE4-14	SBE4-14 F	CCTTCATTGGTCAGGGAGAT	SBE4-14 R	GTCCTATCAACTACACCGTCCAG
	SBE4-15	SBE4-15 F	GCAAACACGAGGAGGATAAGG	SBE4-15 R	TGGTCTATTTCTTCACGAGTCA
	SBE4-16	SBE4-16 F	CAAGGGAGTTGGTGGTAATGAC	SBE4-16 R	TGTGATTGGTTGAGAAGTGGAG

	SBE4-17	SBE4-17 F	CGCTCTTAGTTTTCTGCCA	SBE4-17R	GTCGTGGCTCTTGGCTCTC
<i>GBSSII</i>	GBSSII-1	GBSSII-1F	GCAGCACAGAGAGGACTTTG	GBSSII-1R	CTTTGGTGGTGTCTTTCAGTG
	GBSSII-2	GBSSII-2F	TCCAGCCAAAAGAAGATGTGA	GBSSII-2R	CATTTGTTTGGTAAGAGCAGTAGG
	GBSSII-3	GBSSII-3F	CTTGGATTAGATGAGCACACTGT	GBSSII-3R	CATCACTCAATTAGAACGCAGGT
	GBSSII-4	GBSSII-4F	GGTGACAGGACAGAAACAGTGC	GBSSII-4R	CTCTGGCAAATCTACCCTGG
	GBSSII-5	GBSSII-5F	AGGAATGTATGTGAATGCTAAGGT	GBSSII-5R	CCCTCTAGCGTTGTTTGGATA
	GBSSII-6	GBSSII-6F	GCAGCCATTCCAGAGTTCGT	GBSSII-6R	GCAGCAATAATCAGGTAGAATGA
	GBSSII-7	GBSSII-7F	CGAGGTAAGGAGCAGTGTGTT	GBSSII-7R	CTGCTGCTTTCTCGGTGCT
