Appendix 2: PCR primers for the High Resolution Array

2a: Primer sequence for PCR products in the high resolution array

STS Primer	Forward primer	Reverse primer
500bp overlapping PCR product array		
stSG494879	TGACCATGGACGGGAGAGAAAACATCCA	GAAAATGTGTGGCAGGTTCA
stSG494880	TGACCATGTGTCTCCCTTGGTGACATGA	CTCCCCACATGAGACCAGAT
stSG494881	TGACCATGAAGGCTAATGGGAAAGAGGC	TTCTGTCCCCTTTTGATTGC
stSG494882	TGACCATGCTAGGAAGAGGTTCCAGGGG	CTGAGCCTTCCTGTGTGGAT
stSG494883	TGACCATGGGAAACCATGCACCTCAGTT	GACCAGAAGGAAATGTTGGC
stSG494884	TGACCATGAAGACGGCTCTCAACCTTCA	GAAGACTCCAGCTGTGTCCC
stSG494885	TGACCATGCTCTTTGCTCGCAGTCATCA	CACAAGAGAAACACAGGCTCTC
stSG494886	No Unique Sequence	No Unique Sequence
stSG494887	TGACCATGGTCCCAACACCTCCATTTTG	CTGAACTTGGCCCATAAAACT
stSG494888	TGACCATGCGGACTCAAAAGAACAAGGC	CCTCTGAAACCGGCAGAATA
stSG494889	TGACCATGATCATTGAAGGTGCCAAGGA	TGTGCTTCAGCAAAACATCC
stSG494890	TGACCATGTACTCTTCAGTGGCCCGAAC	TATTGGCGGCCATCTACTTT
stSG494891	TGACCATGGTGCTAATTTCCACCACAGTCA	TGAAGGAAATGGAAAAGGGA
stSG494892	TGACCATGCCACTGCCTGCCAGTTAGAT	GTGCCGATCGAGACTCTTCT
stSG494893	TGACCATGGGCAAAATTCAAATCCTCCA	CTGATCTGCCTCCATCCATT
stSG494894	TGACCATGCCAGGTCACTGCCCTAAAAA	CCCAGGTCAGTTGTTTGTGA
stSG494895	TGACCATGTGAGGACTCCTGGGTTCAAG	TTCCAAACAGAGGCCTTCAT
stSG494896	TGACCATGGGTTTTCTGGACAGTTGACACA	GGAAAATGGACAAGCAGTTGA
stSG494897	TGACCATGGTGTCTTGGAGACTCCCTGG	TCCATAATTTCCGGGTTTCTA
stSG494898	TGACCATGCCTGTGGAAATCCCTCATGT	AGGACACAGGTTTGCTTTCA
stSG494899	TGACCATGGTGGCCTCTAACTCTGGCAT	CCCATACCTTTCTGAATCTGC
stSG494900	TGACCATGAATGACACCATCACCAGCAA	AGTTTCAATCACCGTGCCAT
stSG494901	TGACCATGCCCATCCTATGCCCTGTATG	GCAGCTGCAGTCAACTAACAGA
stSG494902	TGACCATGCATCTCCCAAGCTTTGCCTA	TGCACATGGTGAAATGAACA
stSG494903	TGACCATGTCCTCATGCCTCATGTCATC	TTTGGGAATACAGACAGGGG
stSG494904	TGACCATGTGGGGACAGAGGTAATCTGG	TTGCATGTGATCTGCACGTA
stSG494905	TGACCATGAAAGGTCACCCATTGCTTTT	TGGGATAAGTGAGGGTCTGC
stSG494906	TGACCATGGGAGGCTTTGGTTGTGTTTC	GTTGTTGGGGGAAGGAAAGT
stSG494907	TGACCATGAGGGTGTGACCCTGAGAGG	GCCACTGGCTGTTCAGATTA
stSG494908	TGACCATGGTGAAGGCTTGGCTGATACC	TGAAACATCTTCTGCCTCCA
stSG494909	TGACCATGGCAACTCTCCAAGTTCTGCC	GGATGGAGAAGGAAGTGCAG
stSG494910	TGACCATGTAATCTGGAAGGGCAGGAGA	CTCCCCTGAAGTGAGAGCTG
stSG494911	TGACCATGATGCCCTGACTCCAAAACTG	CCGCTGGAATTGTATCCTGT
stSG494912	TGACCATGACTCTGGAAGCCAAAAAGCA	CCAAACCGAAACAAAAAGGA
stSG494913	TGACCATGTTTTCCTTGGAACCCTTTATGA	GGTGTTTGTAAGGCAAGGAAA
stSG494914	TGACCATGCAAGTATGGCGCATCTCTCA	GGAAGTTCACGAGGGACAAA
stSG494915	TGACCATGACCCCATTCAGCTCACAAAA	ATCTGGCAGGATTTCTTGGA
stSG494916	TGACCATGAGGGGCTTGTGAAGACACAC	GGCTGGAATTCCGTCTCATA
stSG494917	No Unique Sequence	No Unique Sequence
stSG494918	TGACCATGGGAGCTCACCTTTTGGGTC	GCAGGAATAGAAGTGGGAGC
stSG494919	TGACCATGGGCCCTCCTAAGCTATTTGG	TGGGGTGTGATCACTGAGAA
stSG494920	TGACCATGGGTTCAATCTGTTGCCGTTT	GTGTTTGCATGGTTGAGCAC
stSG494921	No Unique Sequence	No Unique Sequence
stSG494922	TGACCATGGTGTACAGGGGAAGAGCGAG	GGGAAAGGAAAACTGAACCA

stSG494923	TGACCATGCTTCGTCTCTATGGTCCCCC	TAACCAACTGGAGGCAGAGG
stSG494924	TGACCATGTGTCCATTTCCTTTAGTGCG	CCGTGAACAGTAACTCCCTAGC
stSG494925	TGACCATGACAGGGTGCAGTGTAGTCCC	GGCTCCCCACAACAAGTTT
stSG494926	TGACCATGACTTCTCCCATGTGTTGTTCC	AGGCAGGGGAGCCTATCTAA
stSG494927	TGACCATGATGGGTGCTGTTCTTGTTCC	TTGGAAAACTGCAAATCAGC
stSG494928	TGACCATGTGATACCCTTCTCCTGCTCC	TGAGCACCTGGGTACAGACA
stSG494929	TGACCATGCTCACTGGGCTGGCTCTATC	TGCTTTCTTACACAAGACCCA
stSG494930	TGACCATGATCAGGTGGGAATGATGCTC	AGAGGTTGCCCAAAACACAC
stSG494931	TGACCATGAAATGAGCAAACTTGGCAGC	TCACCTGGCCAAAACAATTT
stSG494932	TGACCATGTGACTGTCTCAGAGCTGAATGA	CCAAGCCAAGATTCCTTTGA
stSG494933	TGACCATGGGTGGGTGAGACTTGAGGAA	AATTCCATGTCCCCACCATA
stSG494934	TGACCATGTGCTTCCTCCTCCTGTGACT	GTGAGCTACACCTTTGGCCT
stSG494935	TGACCATGTACCCATCAAGCCTACCTGG	TTCTCCCTTTCCTCAGTCCC
stSG494936	TGACCATGAGGCCTTTGAATAGCAAGCA	GCTGGACTATTGGCTTCTGC
stSG494937	TGACCATGTGAGAAAAACCCACTCAGGG	GGTTTCAACCCAGGAAGACA
stSG494938	TGACCATGGAGGTTAGGCTCAAGGGGAC	ACCTGTGTTGGGCTCTTGAC
stSG494939	TGACCATGTGAGTGCTTCCTGTGTCCTG	GTTTGTTAGCGTATGGGCGT
stSG494940	TGACCATGGCTTTGCTTGCTACTTGGCT	CCATCTCGTTTCCAGGACTC
stSG494941	TGACCATGTTTGTTGAGCACTGTCTGGC	TCTCTTCCACATGGACCCTC
stSG494942	TGACCATGCTCAAATCACACCACACACG	TGGTGTCAGCTGAGAAGAGC
stSG494943	TGACCATGTGGCAGCATATTCGAGTGAG	GCTCACAGCCTCTCTGCTTT
stSG494944	TGACCATGTGATCCCCAACTAGAGAAAAGG	AGCAAATGTTATTTCCCCTCC
stSG494945	TGACCATGTGTCAGCCGATCAGTCAGTC	TGGGCTCCACATATTTCCTC
stSG494946	TGACCATGGGTGAATTCTCCACCAGTCC	CTCCCTAGCTGTGCCAGAAC
stSG494947	TGACCATGTTCCTGCCTGGCTAACTGAT	GCATAGAGAAGGGACTAGAGGG
stSG494948	TGACCATGACCCGTCAAATCCTCAGATG	CGGGTACTGGGACTTTACCA
stSG494949	TGACCATGTGAGCAACGGCATAGAGATG	CCGGCCCACAATTTTAATAGA
stSG494950	TGACCATGGACACACCAGGCATCAGAGA	TGCCATGGATGGTGAGACTA
stSG494951	TGACCATGTCTGGCTTCCAGTCCTTGTT	GAGGCAAGCAGATTTTGGAG
stSG494952	TGACCATGACTTTTGGAACTTGGCATGG	CCTTTGCACTCAATGCTTCA
stSG494953	TGACCATGTACATAGGGATCTGGGCTGG	AAATCCTGTGGCTCCTTGTG
stSG494954	TGACCATGCCTGCCAGCTTCTGACTTCT	AACAGATTTCCTCCCATTGC
stSG494955	TGACCATGGGCTGACCTACTGGAGCAAA	TCAAGAGGAATTGACCTGAACA
stSG494956	TGACCATGCTAAGTTTCTCCCCGCTCCT	GCCTAAGGCCAGATTGATGA
stSG494957	TGACCATGGTCTCTGGCTCTTTGTGGCT	CCATTCTACCCAGGCATCTG
stSG494958	TGACCATGTTGACAGTAGCTGCAGGTGG	TTGGTGAGGAGGGAGATGAC
stSG494959	TGACCATGTTGGGTAGGCTGATCAGAGG	TTCTGAAGACCCTGGAATGG
stSG494960	TGACCATGAAACCCACCTTCCAAAGTCC	GTCTCCAAGAGAGGAGCGGT
stSG494961	TGACCATGGAGAGGCTAACGGACATGCT	GGCCACAGTCCTGTTCATTT
stSG494962	TGACCATGGAAACTGAGGTGTTGCGGAT	AGGGGCATCAGTTCAACATC
stSG494963	TGACCATGGCACATCTTCAGTGGGACCT	CAGGAAATACCTGAGGCCAA
stSG494964	TGACCATGGTGATTGGGGATGTGTGTGA	AGGAAAGCCATTATTTGGGG
stSG494965	TGACCATGTAGGACATGGAAGACCGGAG	GACAAAGCGGATGAAACCAT
stSG494966	TGACCATGGACGTCATCACGAAGATCTGA	CTTTCAGCATGAACCAAGCC
stSG494967	TGACCATGGTGTTTGCTTCATTGGCCTT	TTGGAACCCTCTTCCTCCTT
stSG494968	TGACCATGCAGGTCCCACATCAGGACTT	TCCAGGGAGAGGAAGACAGA
stSG494969	TGACCATGTTAAGGACCACACCCTGGAG	AGGGGACAAGTGACATCCTG
stSG494970	TGACCATGGGCCTCCTACCACACTCACT	GCAATTTCCTTAGAATGACCCA
stSG494971	TGACCATGGAGCTCCGGAGACTGACAAC	TGTGCACCTCCTTTATGGAA
stSG494972	TGACCATGCAACCTGCCACAAGACCTG	GAATTGCCTCGCCCATACT
stSG494973	TGACCATGCCCAGAAAAACCTGGGATATG	GAGTCGCCACCGTAACATTT
stSG494974	TGACCATGAATATGCACAGGGGAGAACG	AAATTGGACTAGTGGCCCAG

stSG494975	TGACCATGCAACATCAGCTTCCGTGAGA	CCCAGCAGACTAGGGAGATG
stSG494976	TGACCATGGCTGTGGAAGGAAAGACCAA	GATGGAGAAACAATGGGTGC
stSG494977	TGACCATGTCTGATGTCAAAGCAACCTGA	CACTCATCAGCCTAGATGCAA
stSG494978	No Unique Sequence	No Unique Sequence
stSG494979	TGACCATGGGCAGGAGTGGAGGTGATTA	CACAGGGCAGGTACCAAGTT
stSG494980	TGACCATGCATGCTCTGCTTTCCTTTCC	AGCAGCTCATGCTAATGCAG
stSG494981	TGACCATGGGCGCCGCATAATCTAAATA	TGGGAGATTTTCCAAGATGG
stSG494982	TGACCATGTTCAACAGAGCCGTGAACAG	GCCATTTGTGTAGCATTAGCC
stSG494983	TGACCATGAAAACAATAACGGACCGATCA	CACAAGCAATGGCCTTAACA
stSG494984	TGACCATGCAGGCACTACTGATGCTCCA	AATGCAGGAACACACATCCA
stSG494985	TGACCATGAATTTCAAACTGAGCAGGGG	ATGGCCAGCCGTTTACATAC
stSG494986	TGACCATGTTCTTAGGAAGGTTTTGAGCCT	ACAATAACCCCTGCAGTCCA
stSG494987	TGACCATGGGGCATTGAGTTTTTGGATG	GCCTCACCCAAACTGGTTAT
stSG494988	TGACCATGAATGGGCTGTACCTCATGCT	CTGCCTCCCTTGTCCATAAA
stSG494989	TGACCATGCGAGAGATACAGAGCCCAGG	TACGAAATTGGGGTTTCCAA
stSG494990	TGACCATGAGAGCACTTGCTGTAGGTCCA	GTAGGGCTCTAGACCTGGGC
stSG494991	TGACCATGACCAGGCCAACACTGGTACT	GGATGGGAGGTAAGCACTCA
stSG494992	TGACCATGGCAAAGTGAGAGAGAGATGTCC	CCATCCTTTCATTCCTTTAACC
stSG494993	TGACCATGCCCCATCTCCACCTACACAT	GGGAAAGTTTCTGGCTAATGC
stSG494994	TGACCATGCACTAAGGGAAGCACAGGGA	CTGCTTTTCAGTTTGGCCTC
stSG494995	TGACCATGTGTCCCTATCCCTCCCTCTT	GGCAGGCTCAGATCTGTAATG
stSG494996	TGACCATGGGATGACTTAGTAGGGGCCA	GGTGAGCACCACACCTCTCT
stSG494997	TGACCATGTCTTCCATGAGGGAATTTGG	CAAAATGGCATGGAGATACAAA
stSG494998	TGACCATGTGAGTGCCAAAGAATGGTGA	ATTGAGATGAATTGGCAGGC
stSG494999	TGACCATGAGAGTAAGGGTGGTGGGCTT	CCTTCAAGCTGGCTTTTGAC
stSG495000	TGACCATGAAGTGAGGAGTAGGGCTGGA	CGAATCAGGGGAAACTGAAG
stSG495001	TGACCATGGAATCCCCACGGTAGAGACA	TTAGCCATTCAGAGGGTTGG
stSG495002	TGACCATGCACCTTTCTTGCTCTGGAGG	AGAGCACTTGTTCCTGGCAT
stSG495003	TGACCATGGCAATGAAGGAATGAACCAAA	TGCCAATTACTGATCAGGCT
stSG495004	TGACCATGGCTTGCCTATGGGTGTGTCT	GATGTGGAGGAATGTGGCTT
stSG495005	TGACCATGCTCCCACAACCCTTGACCTA	AGCCTACCTTCCCCTTGAGA
stSG495006	TGACCATGGGCACTAAACTGGCTCCCTA	GCCATCCTGCAAGAGAAGTC
stSG495007	TGACCATGTTTTCCTCCCAACCACTTGT	TGCTGGCCTATCCCAAATTA
stSG495008	TGACCATGTGACTTGTGGGAAACAGCAA	TGTGGACCAATGCAAACACT
stSG495009	TGACCATGTTGGGAAGAAGGAGGGTTTT	AGAGATCTTGCTCACCCCAA
stSG495010	TGACCATGCACTGAAAGACTGGGGCTCT	ATCTGTCACCATCCTCAGCC
stSG495011	TGACCATGGGCTGAAGTCTGCAAATCCT	TATTTGTTCCCTGCCTTTGG
stSG495012	TGACCATGAATCCCTGGGAAGCTAAACG	ATGAGGTCCCCCAATTTCTC
stSG495013	TGACCATGATGCCAGCATTGATGTGTGT	TTGGTTGCAGCATCAGTAGC
stSG495014	TGACCATGTTTTCATCATTGGCTCCACA	CCGGGTAAAACAGACTCCCT
stSG495015	TGACCATGCACCTAAAAACACACCCTCCC	CCCTGGAAAGTTCCCAATTT
stSG495016	TGACCATGTTGCAGCTGCTGACTCAATC	TCTCCTCCCTCACTTCACCA
stSG495017	TGACCATGGATGAGGGTGAAGACTGGGA	TCACTTTTTCCTGCAAGGCT
stSG495018	TGACCATGTATGGCCAGTGCTTCTAGGC	GTGGGAGGGCAGTTTCTGTA
stSG495019	TGACCATGCACATGCTCCAGTGCTGAGT	AATCAGATTGGTTGGCAAGG
stSG495020	TGACCATGGAAAGGGGAGGAAACAGTCC	CTGGGGGTTTTATTGAAGACA
stSG495021	TGACCATGCAGTGATGTCAAGGCCAGTG	CCCAAACAGAGGTTCACCAT
stSG495022	TGACCATGTGGGAGATGCAGAGTTGACA	GAGGAAAGGCACAGATTGGT
stSG495023	TGACCATGGCAGTTTCTGGTGGTGACCT	TCAAGTTCAATGCCTAGGGG
stSG495024	TGACCATGGGTGTGAGATCCCAAAAGGA	CAATCTCCGGGTGCAGTTAT
stSG495025	TGACCATGGGCTGGTGGAAACAACACTT	ACAGCCTAGTGCAGCCTCAT
stSG495026	TGACCATGATCCTCCCTCTCACCCTCAT	TAAGGCAGTCCTGGAGGAGA

stSG495027	TGACCATGTTAATGGCTCCTCACCCTTG	AAGGGATGGAAGAAAGGAGG
stSG495028	TGACCATGGATGAGGTAATGCGGCTCTG	GCTTACCGATGTCGGAGTTG
stSG495029	TGACCATGGAGGTCGCAAAATGGGTAGA	ATCCTTGACAAGTGTTGGGC
stSG495030	TGACCATGGAGAGATGCCAGCAGTGACA	TGCAGGAAGTATCCCTCCAC
stSG495031	TGACCATGCCACTTGATATGTGGGGGTC	TCAGCTCCTTGCCTCAATTT
stSG495032	TGACCATGCACTTCCAGCTGCTCTCCTT	TGGGAAGCTACGTGTGATTTC
stSG495033	TGACCATGTGGTCAGCAGAGAGCTGAGA	GGATAGAAGGGCACTGACCA
stSG495034	TGACCATGTGAGTGTGAGGCACCTGAAG	AAATCATGGCTTCCCAACTG
stSG495035	TGACCATGGAGACATCCACTCCTCCCTG	TCACATGTGGGATCTTGAGG
stSG495036	TGACCATGGCTGGTTCCCTAGGTTCTCC	AAGACCATCAGGCGTTTCAC
stSG495037	TGACCATGGCCCTGATGGATTTTTCTGA	TAAGACAGGAAAAGGGGGCT
stSG495038	TGACCATGGCTCACAGTCATCCTGCTTG	AGAGTTGGGGGTCTTCTGGT
stSG495039	TGACCATGAATAAAAGATGGCTGCACGG	ATATTGACCTCCATCGTGCC
stSG495040	TGACCATGTGGTGGAGTGGACAAAGATTC	GGTGGGGAACAAGGAAAAGT
stSG495041	TGACCATGCAAAGGAGTTAGGTCGCAGG	TCTGGCATGTTCTGGTCTTG
stSG495042	TGACCATGCCTCAAAGGCTCTGTCCTGA	CTAGCAACAAATGCGCAAAA
stSG495043	TGACCATGTTCCTCAGGCCATTCAGAGT	CAACGGGAGTCACCTCAAAT
stSG495044	TGACCATGGCTCTAAGGAGCATGGTTGG	CTGTTACCTGGGGGACTTCA
stSG495045	TGACCATGCAGAACTCACGGGTCACGTA	GTTCCAAAAGCATTGCAGGT
stSG495046	TGACCATGGACACATCCTCAGCCATCCT	ACTTGAGCCTCCAATCTTATCC
stSG495047	TGACCATGTGCCTGTGCTTTTTCCTACC	CTTGGGCAAAGTCTGAGGAG
stSG495048	TGACCATGTCCTAATCCAGACTGCCCTG	TTAGTGGTTGATGTCTGCCG
stSG495049	TGACCATGCATTTTCCAGCCACTCTGTG	TGGGCAGAAGTTACCTGAGAA
stSG495050	TGACCATGTCCAGTGATTGAACTTCCTGTG	GCCGTGTTGTGTTTACATGG
stSG495051	TGACCATGTCCCTCTGGAAAGCAGAGAA	GACCTGAGAAGGGCATGG
stSG495052	TGACCATGGTACTCCCTCTCTCCCCCTG	CCCCCACACTTTTATTTCCA
stSG495053	TGACCATGTGAGGCACACATGCCTACAT	GCTCACCAGGAGCTACAAGG
stSG495054	TGACCATGAAGGCCTCAGTGCTGTCAGT	GCCACCTTTTGTCAGCTCTC
stSG495055	TGACCATGAGAGGAGCCACAGGCTATGA	TCCCAATTTCTGATCCTTGC
stSG495056	TGACCATGTGCATGTGAAGACGTAGGGA	TAACTGGCAGAATTCCCAGC
stSG495057	TGACCATGGGGGACACAGGATGTAACCA	TGGGATGTCTCTGATCTGGTC
stSG495058	TGACCATGTGCAAGCCTCCTTTTCTCAT	CATCCTTTGGGACATGCTTT
stSG495059	TGACCATGTGGAAAGCAGAAACCCACTC	CAGGCCTTCCACTGTCTGTT
stSG495060	No Unique Sequence	No Unique Sequence
stSG495061	TGACCATGAGGTGAGAAAGCAACCATCG	CACAGAATCACAGTGGCACA
stSG495062	TGACCATGCTGAGGTTGTTCCAAGCCAT	AAAGACCAGAAGGAGCAGCA
stSG495063	No Unique Sequence	No Unique Sequence
stSG495064	TGACCATGGCTGGCTTTCTATTTCCCGT	TCCAATGTCAGACAGAGAAAGG
stSG495065	TGACCATGAGTCCACAAAGAAGGGAGCC	AGGATTTCCCTGGTGTCTCA
stSG495066	TGACCATGGGCAGGTTCAAAGGGTTTTT	TCACTCAAGTGTGAAGGGGA
stSG495067	TGACCATGTCCTAGTCCGTGGTTTCACC	GTCACTGCACTTGCCTTTCA
stSG495068	TGACCATGGGTCATCATCTGGGAGAGGT	TCATGTCAAAGCAGACCTAAGC
stSG495069	TGACCATGAATGGCAAGAGAACGACACC	GGCAATGACTCACCCACATT
stSG495070	TGACCATGGGGACCACCTGCTGAGTAAA	GGCTGGTTCCTATTTGGTGA
stSG495071	TGACCATGGAAGATTTGGAGGGGACCAT	TTTGCAGGCTGAGAGAAACA
stSG495072	TGACCATGTCTTAGCAGGTGGGAACCCT	CCCTCAAGACCCTGTGAGAA
stSG495073	TGACCATGTGCATCAGCCAGTGACTTTC	GCACTTCTTTACGAGCCAGG
stSG495074	TGACCATGCCAGAAGTTGAGGAGGGTGA	AGAAATCCTGCCCGTCTTTT
stSG495075	TGACCATGTTTTGCAATTACCTCTGCCC	CAGCCACCTTGCTTTCACTT
stSG495076	TGACCATGAGGTGCTCAGCCATCAGACT	CCAAGACTCAAACTCCAGGC
stSG495077	TGACCATGTGGCCATTTAGAAGTTCCCTT	ATCGTGACCATTGTGGGACT
stSG495078	TGACCATGTGTCTGCTTATTTGGGGCTT	TGCAGAGTCACTTGAGGTGG

stSG495079	TGACCATGAGCCAGCAGAGAGGTGAGAA	GGCTCCCAGAATGATACCAG
stSG495080	TGACCATGAATGAAGGGCTTCCAGTTCA	TTCCTGGAGCCATTTACCTG
stSG495081	TGACCATGGGGGATACTGGGGATTGTTT	AAGAAAAGAAAGAGCTGCACAA
stSG495082	TGACCATGACTGAGGGAAGGAACTGGGT	AGGAGAAAGGAGGGCAGAAC
stSG495083	TGACCATGAACACAGGGATGGGTTCTTG	GCCACCATATCATGCCTTCT
stSG495084	TGACCATGGCACTTACTCCCTGCTCTGG	GAAAGGGAAAGCAGAGGGTC
stSG495085	TGACCATGTGCTGCATGTGATTTTCAGG	TAGCACGGGAAGTTTCTTGG
stSG495086	TGACCATGGCCCTCTGTGAGGAAGAATG	CGAGCAGTGCTACAGAGACG
stSG495087	TGACCATGGTAATGACCCATGTCCCCCT	CTTTTTCCTTCCCCTTCTGG
stSG495088	TGACCATGCATCTCCATGGTTCAAGCCT	CCTCTTCATGGAGGGTGAAG
stSG495089	TGACCATGGCCTCTTCCCATCACAAATG	TGCATGTGATTTGCTTGTTTG
stSG495090	TGACCATGTCCCAGGTTGACCAATAAGG	GATGCAAAGCTGTGCTGTGT
stSG495091	TGACCATGGAGGAAGAGGCTGCCCTAGT	CCACGTCCACTTGAGGTCTT
stSG495092	TGACCATGTGTCTGAGTGCAGGATGTCTG	AGCAGCAGCTGAGTTTGAGA
stSG495093	TGACCATGCCATCACACACACAAGAGCC	GCAGCTGAGCGTTCTTTTCT
stSG495094	TGACCATGGGAGCCTGCCTATCCCTACT	CTTCTGGGGTTGAATTCATTG
stSG495095	TGACCATGCCACCCAAAATAATGCCAAT	TTGGATGGTCTTCCCATTGT
stSG495096	TGACCATGGAAACACCACCATTCACGG	TTCCAAGACTCCTGCTTTTGA
stSG495097	TGACCATGAAAAGACAATGCTCGACGCT	AGCCATAAGGCCACATCAAG
stSG495098	TGACCATGAGATCGCCTCTGTGTTTGCT	AGCTAACGTCCATGTCACCC
stSG495099	TGACCATGAAGGGTGATATTTCCCTGGC	GGAATCAAAGGAGGAAAGGC
stSG495100	TGACCATGAGTCTGCTCTGCCTGACTCC	GCCAGTGGGACATCTCATTT
stSG495101	TGACCATGAATATGTTGCACCGATGCTG	TTTGGTCCTCTTCATCCCTG
stSG495102	TGACCATGGCAAGCCGACTTTTTGACTT	CGTACAGTAGGGGCTCAACC
stSG495103	TGACCATGTGGACATGAACCTGTGCAAT	CACAGCTATTGTGGATGCGT
stSG495104	TGACCATGCCCTGGCCAATAATGGTATG	GCCAGGTCATGGAATAGGAA
stSG495105	TGACCATGGAGCATCTATGAGGCGGTGT	AGGACTGGGGGACTGAAAGT
stSG495106	TGACCATGCTGGCTTGTTTTCCATGCTT	TGACTGTGAAGGTGATGGGA
stSG495107	TGACCATGTCCACTTCCCTTCTGCTTTC	AGCTTTGGCCACAGAAAAGA
stSG495108	TGACCATGACGCTAGGGTGTGATGTGGT	TCCTGTCCTCTAACCCGATG
stSG495109	TGACCATGTGGGTGGATCATACAACAACA	AGGTCTTGGTTGTCACCTGG
stSG495110	TGACCATGTTGTCAGCGTTGGCATTAGT	CTGACCACCTTGGACCAAAT
stSG495111	TGACCATGCACCATCACTGCAGGCTAAT	TTCAGGTGTAGACAGGAAGGC
stSG495112	TGACCATGAAGAGGGCAAAGGGACTGAT	GGTCCTGTTCAGAACCTCCA
stSG495113	TGACCATGGAGCTCTTCCTATGCAAACTCC	TGCCTCAGTTTTTATTGCAGG
stSG495114	TGACCATGTGCCAGACAAATCAGCAAAG	GAACACTCTCTGGACCAGGC
stSG495115	TGACCATGTCCCTAACACAACATTTGGCT	AAACCCAGGGGTGTACATGA
stSG495116	TGACCATGACATTTGCAGGGGATGATGT	GACCCTGAATGTGCCTCTGT
stSG495117	TGACCATGAGAATAAGCACGGCAGAGGA	GCCTTTTGGCACAAAACATT
stSG495118	TGACCATGTGCTGGAAACAGAACAGTGC	TTACTTCATTGTGCCCTCCC
stSG495119	TGACCATGTGGCCAAATGATATGAGCAG	TGCAGCACACGTTAGCTCTT
stSG495120	TGACCATGGGCAAAAATTCCTGTTTCCA	TCAGGATGCACAGTCCAGAG
stSG495121	TGACCATGTGGGTAATTTGAAGAGCGTG	CTTGTTGTTTCCGTAAGCCC
stSG495122	TGACCATGTTGCAAACATTTCTGGTGGA	TCAGCCAAGGAGCAGTTCTT
stSG495123	TGACCATGGAAACGATTGCTACAGTTTCCA	TGCAAATCTTGATGGTAGCAG
stSG495124	TGACCATGTGTTCCCTTTCTTCCCTCCT	GAAACACAGCACGTGGTTCA
stSG495125	TGACCATGGCCAGGAGAAACTGTTCCC	GGGCAGTTTCTTGGTGTGAT
stSG495126	TGACCATGTCACACTGACGTGTTCCAGA	CTCCTCCCCAAGCTCTCTTT
stSG495127	TGACCATGTTGCTGCCTAAAGGGAAAAG	GGCCATAGTGCGTTCTGTTT
stSG495128	TGACCATGGCAAGAGTGACTGAAAACGGA	AAAAACACACAGGGAGGTAGG
stSG495129	TGACCATGCGTGGCTGAAGAGAATTTCC	GTCAGCCCATTTCCTGTGTT
stSG495130	TGACCATGTAGCCCCAATCAATGACTCC	CTCCCAAGGGCACACATAGT

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stSG495131	TGACCATGGCACTCTCAAGCCACTCACA	ATTATGGGAGCCCAGGAAAG
stSG495132	TGACCATGGTTTTTGAGGGAGCTTTCCA	AGGGAGACCCACACTCACAC
stSG495133	TGACCATGGGCCTTACACTTTTCCAGCA	GGCATAGTCGCTTGGTGAAT
stSG495134	TGACCATGCGGCTAGCTGTTCCTCACTC	ACCTTCCCTGCCCTTTTCTA
stSG495135	TGACCATGCTCCTTCCCCTGCACATAAG	GTGCTGTGTGTGGAGTGACC
stSG495136	TGACCATGGTGTGGGAAGGCTGGTCTAA	GAGGGCTTTGCAGTGTTAGC
stSG495137	TGACCATGAGACAGGTGCAGGAAGGAGA	TGGCTTTTGAGAAGGCATTT
stSG495138	TGACCATGTCTTCCATAAAGACAATCCCCT	TTCTGCCTGTGACAAACCTG
stSG495139	TGACCATGCATGCTGGACAACAACCATC	CCTTTCTTCAGGAGTGGTGC
stSG495140	TGACCATGGAAGTAGGAAGTTTCCCCGC	GCCTCCTCTGGGTCTTCTCT
stSG495141	TGACCATGTGGGATACTAGCCGCAGACT	GCGAACAACCTTCAGAAAGC
stSG495142	TGACCATGGAAGGGTTATGGACCTCAGTG	CTCACCAAGGTCCTTCCAAA
stSG495143	TGACCATGTGTTTGGTAAATAGAGGCCAGC	GCTGAGTCCATGGATTTGCT
stSG495144	TGACCATGCTTCCTCTCTTCTGTCCCCA	TCTGGCTCCTGATTGAAGGT
stSG495145	TGACCATGAGCCCAAAGTGAGCATCAAC	CTCCCCCAATGCATAAAATAA
stSG495146	TGACCATGTCCCAACTTAATGTGCCGAT	TTCCATTTCACATGGCCTAA
stSG495147	TGACCATGTTCCTCCTATCAGCACCACC	TTATCCAGGTTGCAAAAGCC
stSG495148	TGACCATGCATGCTTAGGAGGGGTTGAA	GGGTAATTTCTGACAGGGCA
stSG495149	TGACCATGTCTCCTCTTTTCAATGGGACAT	CTGCCAGCATGATGACAAAT
stSG495150	TGACCATGAAGCTCTCTCTGCAACAGCC	GCAGATGACTTGGCAATGAA
stSG495151	No Unique Sequence	No Unique Sequence
stSG495152	TGACCATGCAAGACTATGTGATAGGCTGGC	GATGGTCAGACACACCAATCAG
stSG495153	TGACCATGGGGGGAGGAGACAGGAGAATC	CACAGCCTGCCTTATCCATT
stSG495154	TGACCATGCAGCATTTCCAAAATCAAGC	GAGCACTGTAGGCCTTGTGG
stSG495155	TGACCATGTTGCCACCTGTTCTGTTTCA	CAGATATGGGAAGGTGGGTG
stSG495156	TGACCATGGGGGAAAGAAGCAAAGGAAA	CCAGCTTTATGAAGGTCAGCTC
stSG495157	TGACCATGTCAGATTTATGATGCGGACAA	GGATCACTGACTTTGGCTCTG
stSG495158	TGACCATGCAGAGTTCCATGTGGGTGAA	GCAGGAATTAATGAATGGTGG
stSG495159	TGACCATGAGAATGTGATGCTGGAGGCT	TCACCCCACATGGAACACTA
stSG495160	TGACCATGGGGCTGTGTCTTAGCCATGT	CACAACAACCAATGCCTCAC
stSG495161	TGACCATGTGAGGGCAGAAGCTATGACA	TATACACCAGGCAGGATGGG
stSG495162	TGACCATGGCAAAACCTAAGTGACTCCCTC	GAAGGAATGTTCCCTCTCTTTG
stSG495163	TGACCATGTCTGCAGAACTGTGCTCTTTG	ATCTTTCCACATCCTTCCCC
stSG495164	TGACCATGATTGACCCTGGCTCCTCTTC	TTCCCTTTGCTGTTTTTGCT
stSG495165	TGACCATGCCAATGCATGTACGAGGAAG	CCATGATGACATTCATCCCA
stSG495166	TGACCATGACCCATAAGTTTGGCATTGG	TTGGGAAAGCCATCTGGTAA
stSG495167	TGACCATGATGACCAACTGGGTCTGCTC	ATCACCTTCCAATCAGTGCC
stSG495168	TGACCATGCCAGCTTATCAACCCGATTC	CTGGTGTTTTGCCTTCCATT
stSG495169	TGACCATGGATGATTGTCCCAGGCCTTA	CCACTGTCTAAGGGCGTTCT
stSG495170	TGACCATGGGAAGGACAGGGGAAAAATC	CAATATCCCCTCCTGGATCA
stSG495171	TGACCATGTGAGGGGGAGTCATCAAAAT	ACAAAGGTGGCCACAGATTC
stSG495172	TGACCATGGGATATTGGGCCAGAAAAGC	TCAGATCATGCAGTGTCGGT
stSG495173	No Unique Sequence	No Unique Sequence
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stSG495175	TGACCATGCAGGCAAAGACTTAGGACACAA	TGACATACAGAAGCATTCGCT
stSG495176	TGACCATGCAAGTGACCCCCAACTCTGT	CCAGCCCAAACAAGAAGTGT
stSG495177	TGACCATGTCAAGTCTTCCCCCTCATTG	CAATTCTGTCCTAAGGCCCA
stSG495178	TGACCATGGCAGAAGGCTTTGTCCTCAG	TGGGTCCCAGATAAGTGGTAA
stSG495179	TGACCATGCATGAATTGGTCAGTCGGAA	GCCACAAAAGGAAACCAAAA
stSG495180	TGACCATGTGTCTCTCTCTCGTTGCATT	TGGACATGTTGAATCAGGAAA
stSG495181	TGACCATGAGGTGGTGGCAAATAGTTCG	CAAGACTCAGGCACACATGG
stSG495182	TGACCATGTGTGCTGCTACAGATGTGCTT	TGTCATGGTCAGTCTCCAGC

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stSG495183	TGACCATGTGACCAGGCAAAGAGGAAAG	CACAGTCAAATGAGGCAGGA
stSG495184	TGACCATGAGTCTGGGGAGTGAGTGCAT	CCTCACCACCCTCAAGTGAT
stSG495185	TGACCATGCCTGAGATTCTGGGAAGCAG	AATGCTGAAGACCCCTCTGA
stSG495186	TGACCATGTTCCTAAGGGAGCAAAACACA	TGCCTTCTCACTATTGCTGC
stSG495187	TGACCATGGCCTACAGGCTGAGTCCAAG	CTGCCCAACTTGACAAGAGA
stSG495188	TGACCATGAGAGCTCGTTGGGAAATCAA	GATGACTGGGTGGAAAAAGC
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stSG495193	TGACCATGAAGAGGGCATAGGTCACTGG	AAGGAAGGAAGAGGAGGCAG
stSG495194	TGACCATGGCCTAATTTATTCCTTCCCCC	TTCGGTACTGTGTTTGCAATTT
stSG495195	TGACCATGCAGCAGCTTCAGTGCTATGC	CAAGATGCAAATCCTGCTCA
stSG495196	TGACCATGGCATTCCAGCGTGGATATTT	CAACAGGGGTCCCATCTCTA
stSG495197	TGACCATGTCTCTTTCCTCTGACAGCCC	CCTGTCCCTGTTCTGCTGAT
stSG495198	TGACCATGATGGCATAAGAACAGGTGCC	GAATGCTAAAGCAATGGGGA
stSG495199	TGACCATGCTTGTCCCCACAGGGAATTA	TTCCATAACTCCAGGTTGCC
stSG495200	TGACCATGACCGCCTGAGTGATGAAAAA	CCATGTGGCTTACTGGTTGA
stSG495201	TGACCATGGTGTGCATGTGTGTGTTTGG	TGGAAGCCAGAATTGTGTGA
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stSG495203	No Unique Sequence	No Unique Sequence
stSG495204	TGACCATGGCCCTGATGTGCTTAGGGT	CTGGAAAACGCAAGAGAAGG
stSG495205	No Unique Sequence	No Unique Sequence
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stSG495207	TGACCATGCTCAGCCAGCACTCACTCTG	TCTGTGGAATCGGACATTCA
stSG495208	TGACCATGGTGATTGCACAGGTGGATTG	ACATTCATGTGCAGGTGAGG
stSG495209	TGACCATGCAACTCTAGGGGACTGCCTG	CCCAGGGCCTCAGTTTTATT
stSG495210	TGACCATGGCCATTTGCTCACAACAAAG	TTTTTAAACAACCCCCTCCA
stSG495211	No Unique Sequence	No Unique Sequence
stSG495212	TGACCATGCCAGCATCCTGTTTTGCTTT	TGAAAGGACCAGTAGTGCCC
stSG495213	TGACCATGCCCAACAAAGGCTACGGTAA	ATGGCAGCTATGTTGGACCT
stSG495214	No Unique Sequence	No Unique Sequence
stSG495215	TGACCATGCCTCCAGACCACAATGACAA	TTATTCTCCCCTGACCTCCA
stSG495216	No Unique Sequence	No Unique Sequence
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stSG495218	TGACCATGTCACAGTCTACCGGAGGAGG	GCTTCATTGATTGGCTGGAT
stSG495219	TGACCATGAGCTTCAGTCACCTTCCCG	CACACCTGCTTGGGAATTTT
stSG495220	TGACCATGCCCAAAGAAGCCAAATTACTG	GGGGCTTCCTAAAGCAAACT
stSG495221	TGACCATGCACCACCCAAAGGCATAAAC	CCCAGAGCATCTCAGAGGAG
stSG495222	TGACCATGAACCGAGCATACCATTCCTG	CAAGGGGAAGATGCAGTGAT
stSG495223	TGACCATGTGTCCTTGGTTCTAGGCCAC	GGTTCTGTTCTGGCTCATCC
stSG495224	TGACCATGCACAGCCACCAATAAGTCCA	CAGCGGCACTGTTCTTGTAG
stSG495225	TGACCATGGTGGAAAAGAGCACAGCACA	ATAGCAAATGCACCTCGGTC
stSG495226	TGACCATGACAATATTGGGCAGCTGAGG	GGCCAGCTCTCTTACCCTTT
stSG495227	No Unique Sequence	No Unique Sequence
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stSG495230	TGACCATGTGTCTTGGTTGTTATGCAGTGA	CCTCCTTGGATGTCGAGAAG
stSG495231	TGACCATGCAAACCGCAATAGAGAGCCT	TAAAGAGGGGCAGCTTCTGA
stSG495232	TGACCATGAGCAATGCAGAGTGATTCCC	GATCAAGATTCGCATCCCAT
stSG495233	TGACCATGTCATCAGTGAAAAGGACAAAGC	TGACCTCCTGATTGTGTGTCA
stSG495234	TGACCATGTTCTGCCACCTCCAGTCTCT	ACCACAAGGCCACACTTAGG

stSG495235	TGACCATGTGAGCAGCCCGTAACTTAGC	GTGCAAGGTCTTTTGCCCTA
stSG495236	TGACCATGCGATCAGCTCTGTTTCCCTC	CACCAACATTCTGTGCCATC
stSG495237	TGACCATGCCTCCCCTGGAGAAAGGTAG	CAGGCTTTCAGCACTCTGTG
stSG495238	TGACCATGTGATGGCTACAAAGGAGCTG	GCCACAACCTCATTGGAGAT
stSG495239	TGACCATGGACAATGTGCCAGTTTGTGG	AGAAGCCGTGCTCATCAGTT
stSG495240	TGACCATGGGACAGCTGAAGGATTAAGGTC	GCCATGATTCCAGCTTGC
stSG495241	TGACCATGGTTGAGTCTGGGAGCTCAGG	TTTCCATTTTGCCACGTGTA
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stSG495248	TGACCATGGGAGTTAAGGGGAGGCAAAG	CCTTTTCTCCCAGAGGGAAT
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stSG495256	TGACCATGGGTCAACTGTTTCCCTGCTG	AAAGGCTGAGCTCGATAGCA
stSG495257	TGACCATGAGATCCACCCCCACACACTA	TCCCTCCTGTTATTTGCTGG
stSG495258	TGACCATGACCAGATTGCTATCAGCCCT	GGGCCATTCGTCTTTAAGGT
stSG495259	TGACCATGAACAGCACGAACAAAAACCC	CCCCAGGACATATCAACCAC
stSG495260	TGACCATGTTGGCTGATTTCTCCCACTC	TGGTTCTCCTTCCAAGATGG
stSG495261	TGACCATGCTTGAGCTCTGGTCAGGTCC	TGCGACCACTTTGCAGTAAG
stSG495262	TGACCATGCAGCATGTGCTTGGCAGTAG	GAAATTTCCGTTCCCTGTGA
stSG495263	TGACCATGGATTCATCGACCCCTAGTCCT	TTTCTCTGCTCATGTGGTCAA
stSG495264	TGACCATGGTGGGAGAGTTAAGGGGAGC	AGCATGGCATGTTGTGGTTA
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stSG495266	TGACCATGAAGCCCTGCAGATACAAGGA	TTCAGCGAGTAGGTTACTTCCA
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stSG495276	TGACCATGGGCCAAACAAGCTGTGAAAT	ATGAAAACCAAACCAGCCAC
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stSG495281	TGACCATGCCTGCCCACCTTGTATCATT	CACTTATGCCACAAGCCTCA
stSG495282	TGACCATGGGATTCATCGGAACCAACAC	GGGAATCATGTTCTCACGGT
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stSG495284	TGACCATGTCATGATGGTCAAGAGCCAA	ACCTCACTCTGCCCATTCAC
stSG495285	TGACCATGGATTGGCAGAGGCATTGTTT	AGCAGCTGGAACTCTGAGGA
stSG495286	TGACCATGGGCATCTGTCCCTCACTAGC	GCAAATCTCATGACCCCCTA

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stSG495287	TGACCATGCCTTTTTAGGCCTTTGGTCC	GTCTCCCTACCCCACCAAAT
stSG495288	TGACCATGCTGGCTCCTGCTTCTAGGTG	TGAAAGCCACTTGCTGTGAG
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stSG495290	TGACCATGCTCTCCTCCTTTCTCCCCAC	AGATTTTCCCCAGCGTAGGT
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stSG495292	TGACCATGCCACCCACCTGTTTACTTGC	AATAGATGTGTGGCGGGAAG
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stSG495294	TGACCATGGCAGGTAAATGGTGGCTGTT	CTGCCAGCTAGCAACTGATG
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stSG495335	TGACCATGTGCCGAGACGTGTGTTACTC	TATGGACAAAGTGGGGGAAA
stSG495336	TGACCATGGGGAGCACAGTTTATGCAA	GATGGCTCTTAGGGGTTTCC
10Kb Resolution Array		
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stSG495387	TGACCATGAGGCTTTCTGACTCCTTGACC	TAGCTGGTACACGTTGGCAC
stSG495388	TGACCATGCTTCTCCTGAAGAGGGCAGA	CATCAGAATCCTCAGCCTGG
stSG495389	TGACCATGCCACTAAATTGGAGAGGCCA	AATGGTGGTCAGGAAAGCAG

stSG495390	TGACCATGAGATGGAGATGAAAAGCAAGAA	TGGATGCAGATGGATGAAAG
stSG495391	TGACCATGGCAAAGTGAGAGAGAGATGTCC	CCATCCTTTCATTCCTTTAACC
stSG495392	TGACCATGAAACAGTTTGATTGCTGGGG	TTGCAAGTGAAGTCAAAGCG
stSG495393	TGACCATGGTCACTGAATGCCAGCTGAA	GTGCTCTCCAACTAGCCCAG
stSG495394	TGACCATGTGTGCTTGGCATAGTGGGTA	CTCAAGGACCCCAAACTTGA
stSG495395	TGACCATGATGCACACTCATTGGCACTC	ATAGGGCCTGGAAGTGTCCT
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stSG495397	TGACCATGTAGGCGATGCCTGAGTATCC	AAAGTGTTGCCAGTCTTGCC
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stSG495424	TGACCATGGACGCTCTTCATGGGATCAT	TAACTTCTGCCCCAACTCCA
stSG495425	TGACCATGTGGAGTTGGGGCAGAAGTTA	GCTGCTCTGGAGAGGAGAGA
stSG495426	TGACCATGGGTCCGAGGTCTCCTCTTTC	TTCTGGGGTTTTCACCAAAG
stSG495427	TGACCATGTTGGTGAAAACCCCAGAATC	TTTTTCCCATAAATCAACCCA
stSG495428	TGACCATGTGGGTTGATTTATGGGAAAAA	CTGCTGGCTTTTGTTGTTGA
stSG495429	TGACCATGTTGTCTTTGCAGATCAGGGA	TAATCCCTCTTCCCTCCCAC
stSG495430	TGACCATGGTGGGAGGGAAGAGGGATTA	GCCTAGCAACAGCATCCTTC
stSG495431	TGACCATGGAAGGATGCTGTTGCTAGGC	CCATCGATTCCCAGATGTTT
stSG495432	TGACCATGGTGTGAGCCCAATCCAAGTAG	CCGCAAGGGCTAAACAGAAT
stSG495433	TGACCATGTTTGTCCCTATCCCTCCCTC	GGCAGGCTCAGATCTGTAATG
stSG495434	TGACCATGCTGTCGGACATAGATTACTGGC	ACAATACAGTCGCCACTCCC
stSG495435	TGACCATGGTCTGTCTGCAGCATCCCTA	AGCGTACCTGTACCCCCAG
stSG495436	TGACCATGTACCCCTCAGCTCCGGTAGT	CAGTTGTGGAAATTGTGCGT
stSG495437	TGACCATGGGTGAGTCATGGCTTCTGGT	AGGGAAACAAAGCAGCTTCA
stSG495438	TGACCATGTTGGGGACAATAATTTGGGA	TCCAGGTAACCAGCCTCAAC
stSG495439	TGACCATGGGCTGGTTACCTGGACAGAA	ATGGGTCATTTGTCACAGCA
stSG495440	TGACCATGTGCTGTGACAAATGACCCAT	ACATAGCGCAAACCCAAAAG
stSG495441	TGACCATGGGTTTGCGCTATGTTCCACT	ATTCAGACTCCAGCGCTCTC

stSG495442	TGACCATGGAGAGCGCTGGAGTCTGAAT	GGGGGACGGGATACAGTAAT
stSG495443	TGACCATGATTACTGTATCCCGTCCCCC	TCCCATATGAAGCCAAGGTC
stSG495444	TGACCATGCCACCAGCTCCAATCAGACT	CAGCCCCATATTGGTACAGG
stSG495445	TGACCATGCTGTACCAATATGGGGCTGG	TGAAAGACAGCAAGGGAACA
stSG495446	TGACCATGGCACTGCTGGTTTTCTGTGA	AACAGGTTCCAGTCTGGGTG
stSG495447	TGACCATGCTAAGCCCTTGCCAACCATA	AAAGGTGATCATTTGCACCA
stSG495448	TGACCATGTTATCTGTGTGTTTCTGCCTCA	CCTGCTACCCGTTTCTCATT
stSG495449	TGACCATGGAGGTGTGGTGCTCACCTTT	TGCAAAGCATACGTTTCGTC
stSG495450	TGACCATGTTTGCATTAAGAGTTGGGCA	AACGGGCTTGATTACTGCAC
stSG495451	TGACCATGGTGCAGTAATCAAGCCCGTT	CATTTCCCTCAATTGTGCCT
stSG495452	TGACCATGGCACAATTGAGGGAAATGCT	GGGTTCAGAAATGGGAGACA
stSG495453	TGACCATGGTCTCCCATTTCTGAACCCA	GGCAACTTGAGAGCAGGAAC
stSG495454	TGACCATGGTTCCTGCTCTCAAGTTGCC	TTTGCCATTTCCTTTCATCC
stSG495455	TGACCATGGGATGAAAGGAAATGGCAAA	CGCTCAACTTCCACTTCTCC
stSG495456	TGACCATGGAGAAGTGGAAGTTGAGCGG	AGCCATCCACAGGCATAAAG
stSG495457	TGACCATGTGCCTGTGGATGGCTTTATT	AGCCCTCCCAATCTTACCAC
stSG495458	TGACCATGCCCCCAACAAATGTCACTCT	GGGGAATGAGAACTATCCAACA
stSG495459	TGACCATGTGTTGGATAGTTCTCATTCCCC	GGCAGAAACTGTTGACACTCTG
stSG495460	TGACCATGTGTCAACAGTTTCTGCCTTCA	TGACATCACCAGAGGGTTCA
stSG495461	TGACCATGATCACTGGGCTCTTTCATGG	GCAGCTGCAATCTTTTCACA
stSG495462	TGACCATGAGGAAATGCAAGCCCATACT	CAGATCCCCTCCATATTGGTT
stSG495463	TGACCATGGGAGGGGATCTGTGTTTCAT	AGGCCTTCAAAGCAACAATG
stSG495464	TGACCATGAACTTGAAATTCCTTGGCTACG	ATTTGGCTCAAGGGCTTTTT
stSG495465	TGACCATGCCAGGTTGCTGAAGGAAAAC	ACTAGCAAACTGCAGCCGAG
stSG495466	TGACCATGCTGCAGTTTGCTAGTGCGTC	AGCTGTGCCCAACCTCTCTA
stSG495467	TGACCATGGCTAGAGAGGTTGGGCACAG	AGCAGAAAAGAGGGCAGTCA
stSG495468	TGACCATGTGACTGCCCTCTTTTCTGCT	CTAAGTGCCTGCAAAGAGCC
stSG495469	TGACCATGGGCTCTTTGCAGGCACTTAG	GCCACCATTCAACTTGACAC
stSG495470	TGACCATGCAAGTTGAATGGTGGCATGT	AGCCAATGGTCTCTTCTGTCTC
stSG495471	TGACCATGGAGACAGAAGAGACCATTGGC	CTCCACAGGAGTGGGTCATT
stSG495472	TGACCATGGGATGTTCGTTCCGTCTTGT	TGGCCTTGTAGCAGGAAATC
stSG495473	TGACCATGTACAAGGCCAAAAGCCTGAT	TTCTTGCTGCCAATTGTGAC
stSG495474	TGACCATGTCCTGAGGTCCTCTTTCTGC	CTCTGCTTTTTCTCGGTGCT
stSG495475	TGACCATGAGCACCGAGAAAAAGCAGAG	TACACCAAACTGGGCAACAA
stSG495476	TGACCATGATTCAGGACATCGTTGGGAG	CGTCCTGCATTAAACAGTGG
stSG495477	TGACCATGGAGCAGCAATGATCACCCTT	GCTGATGACTACTCCAGCACA
stSG495478	TGACCATGCAGCTGTACAGGAAGAGGCA	ACTATTCCCAAGGCCAACCT
stSG495479	TGACCATGGGTTGGCCTTGGGAATAGTT	ACCAAATGGCCTTTCAACAG
stSG495480	TGACCATGCTGTTGAAAGGCCATTTGGT	GCACATAACATTCCAAGCCA
stSG495481	TGACCATGATTGCCAATGTCTTCCTGCT	CACACATCCCCTGCATAGTG
stSG495482	TGACCATGGCAGGGGATGTGTGTATGTG	CTTGCTTGCTTCCATGACAA
stSG495483	TGACCATGTTGTCATGGAAGCAAGCAAG	CCCAGCCACATAAAACCTGT
stSG495484	TGACCATGGTGCCATATGCATGAGCAGT	GGTCACCATTCTTTGGCACT
stSG495485	TGACCATGATGGTGACCTTGCTTCTGCT	GAAGGCTGGGCATCAAGTAA
stSG495486	TGACCATGCAGCCTTCCAATTTGTCTCC	GCAGAGTTCCAAACAGCACA
stSG495487	TGACCATGCCCAAGGAGAGGTCTCATGTT	TCCGTCCCTGCTGAATTAAC
stSG495488	TGACCATGTAATTCAGCAGGGACGGAAT	GTCTCATGGCGACCCTAAAA
stSG495489	TGACCATGCTTTTTGCCCTTTCCCATTT	GCCAGGCATCCTGATTTTTA
stSG495490	TGACCATGCTGATTTGGAGCTTGGAAGG	GCAGGGTGTAACCATGAGGT
stSG495491	TGACCATGTGCCCCAGATCCTTCTAATG	GTCAGGTGATGGCAAGGAAT
stSG495492	TGACCATGTTCCAAGGGAGTGGTGAAAG	AAGCCCACCACCCTTACTCT
stSG495493	TGACCATGAGAGTAAGGGTGGTGGGCTT	CCTTCAAGCTGGCTTTTGAC

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stSG495494	TGACCATGAGAGGGCAATGTGAAGAGGA	TGGAAACATTGTAGGTGCCA
stSG495495	TGACCATGTGGCACCTACAATGTTTCCA	AGGAATGCCGTTTCCTTTTT
stSG495496	TGACCATGGACCCTTTCCTTGGGAAGTC	CCTCCAGGTTCCTCAAAACA
stSG495497	TGACCATGCCTGTTTTGAGGAACCTGGA	CCCAAGACCCATTTCTTTGA
stSG495498	TGACCATGGGGCTACCCCAATCATCATA	AAAGAATTCCAAAAGCGGGT
stSG495499	TGACCATGACCCGCTTTTGGAATTCTTT	GACAGTCCCTGCGTTGAAGT
stSG495500	TGACCATGGTATACACGGAGGGTCACGG	CAAGCTCAGTCTCCTCAGCC
stSG495501	TGACCATGTCTCACGGGTATTTTCCACA	TGGCAAGAATAACCCCACTC
stSG495502	TGACCATGTGAAAACTACACCACGCAGG	TGATGCTGCAATTTAATCCAA
stSG495503	TGACCATGTGGAAGTGAGGAGTAGGGCT	CGAATCAGGGGAAACTGAAG
stSG495504	TGACCATGCTTCAGTTTCCCCTGATTCG	AATGCCCAGTGAATTAACGC
stSG495505	TGACCATGGCCTAAGCACAGACATGAAGC	TAACTAATGCAGTGCCCCGT
stSG495506	TGACCATGTCTCCTGCTTTTCCAGAAGG	TGTGCACCAAGAAACCAAAG
stSG495507	TGACCATGTTTGGTTTCTTGGTGCACAG	TGCGAGGTAAAAGTTGAGGC
stSG495508	TGACCATGGCCTCAACTTTTACCTCGCA	AGAAAGCATGCAGTGAGGGT
stSG495509	TGACCATGCTCACTGCATGCTTTCTTGC	CCCACCATGGATTACCAGAC
stSG495510	TGACCATGGTCTGGTAATCCATGGTGGG	GGGTAAGACCCTCACGATCA
stSG495511	TGACCATGCAGGATGGTGAAGAAGGGAA	GCCGAATTGAACTACCTCCA
stSG495512	TGACCATGGTCCTCCATGCAAATCACCT	CTTTGAGAACAGCCCAGCTC
stSG495513	TGACCATGGAGCTGGGCTGTTCTCAAAG	GTGGATAAGCTGTCCCGTGT
stSG495514	TGACCATGCCGTTCTCACCTGGTTTCAC	CTTGGTGGGAATTAGCCTGA
stSG495515	TGACCATGCAAGCACTGGAACAGCACAC	GGAGCCTGAGGGATCCTAGT
stSG495516	TGACCATGGGGGAAACTAGGATCCCTCA	GGGGATTCCAAAATGAACCT
stSG495517	TGACCATGGAATCCCCACGGTAGAGACA	TTAGCCATTCAGAGGGTTGG
stSG495518	TGACCATGCCAACCCTCTGAATGGCTAA	CCCACTCTGGAGAACAGCTC
stSG495519	TGACCATGTGTTCATCCTGGACTCCCTC	CCTCCATGTCTTCCCAGTGT
stSG495520	TGACCATGACACTGGGAAGACATGGAGG	ACAGGCCTAAGGGAAGGAAA
stSG495521	TGACCATGTTTCCTTCCCTTAGGCCTGT	CTTCTCTCCCTCTACCCGCT
stSG495522	TGACCATGGAGCGGGTAGAGGGAGAGAAG	ACATCAAGTGGCTGGAAAGG
stSG495523	TGACCATGCCTTTCCAGCCACTTGATGT	TCTCACATGCTCCGTGCTAC
stSG495524	TGACCATGGTAGCACGGAGCATGTGAGA	CTGATCAGAGAGCCCAGAGG
stSG495525	TGACCATGCTCTCTGATCAGGGTCCTCG	CTATCCCCACAGGAGCAAAA
stSG495526	TGACCATGTTTTGCTCCTGTGGGGATAG	GCTGCACCTAATCCAGAACC
stSG495527	TGACCATGGCTGGTTCTGGATTAGGTGC	CTTAAGGCTCCTCCTCTGCC
stSG495528	TGACCATGGCTTTTTGAGTTCACAGCCC	TCTCAAGCGTCCTTCCATCT
stSG495529	TGACCATGATGGAAGGACGCTTGAGAGA	AGCAGATCAGTGACGAGGGT
stSG495530	TGACCATGTCCAGTTCCCAGAGATGGAG	GGCCTTCCTAATCTTCACCA
stSG495531	TGACCATGGGAGAATGAGGGCAGTGTGT	CTGGATTCTCCCCCAGTGTA
stSG495532	TGACCATGAGGGTGAACTGGTGAGAGGA	TTACCGAGTTTCCTGGACCTT
stSG495533	TGACCATGAAAACTGGGACAAGGTGTCG	TCTGTGTGGGTAGCTTGTGC
stSG495534	TGACCATGAGTCAGTGCCCCATAAATGC	TTCATGGCATCCCTACTGGT
stSG495535	TGACCATGCCTCTATTTCCACTGGGCAA	TTTGGGGACAAATCAAGGAG
stSG495536	TGACCATGCCAAAACCCTCAGCAAGGTA	TCATCCTCCCACACAGATCA
stSG495537	TGACCATGCACCCTATGCCAGGAACAAG	TACACACCATGCACACATGC
stSG495538	TGACCATGGCATGTGTGCATGGTGTGTA	CCTCTCTGTGTTCCTGGCTC
stSG495539	TGACCATGCAGAACAGAGGCTGACTCCC	CCCTGAGATGGTTCAAGGAA
stSG495540	TGACCATGGGTCTTTGTTAAAGCAGCCAA	TTTTGGCAATTCCGATTCTC
stSG495541	TGACCATGTTCTTTGGCACCTTGGTTTC	TGCTTTCTCCCTTTGCTCTC
stSG495542	TGACCATGAGCAAAGGGAGAAAGCACAG	GCCTCTCCTGAAGCTTTGAA
stSG495543	TGACCATGTTCAAAGCTTCAGGAGAGGC	CCTTCTAGTTTCTTGCCCCC
stSG495544	TGACCATGACGGATTCTACCCCTGGAAC	GGCTTCCTGTTTTCAGCTTG
stSG495545	TGACCATGGCCCTCAATGAGCTGTGATT	TGCAAGAGGGAAACAGATGG

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stSG495546	TGACCATGAATGCCATCTGTTTCCCTCTT	AAACCCATTCAGAAGATTTGGA
stSG495547	TGACCATGTCCAGAGGTGTTTGAGAGGAA	CAGCCAATCATCAAAGAGCA
stSG495548	TGACCATGTGCTCTTTGATGATTGGCTG	TTGCATTTATTGGCCATCTG
stSG495549	TGACCATGCAGTTTGCAGATGGCCAATA	AAGGCCAGAGTAGGCTGACA
stSG495550	TGACCATGAATCTTACATGGGGGAGCAG	CATGCTGGTAAATTGCCTCC
stSG495551	TGACCATGCCTCTTACGAAAGCTGAAGGC	TACCCCTTTGGAATGAGCTG
stSG495552	TGACCATGGCAATGGGGACTTGCAAAA	CCAAAAGTCATCACATTAGGGC
stSG495553	TGACCATGTACCCAATGACCCAATGACC	GAAGACTTCTGCACCCATCC
stSG495554	TGACCATGGACGTATCCAGACAAGCCCT	GGGGCCAATCTAATCCTTCT
stSG495555	TGACCATGTTAGATTGGCCCCTCTCCTT	GATTCCAGTGGGGGATACCT
stSG495556	TGACCATGAGGTATCCCCCACTGGAATC	TTATCTTCCCACCCAACCCT
stSG495557	TGACCATGCCACCCACAAATGGGAAAG	AAAGGTCCTCTGCTGCTGAA
stSG495558	TGACCATGGCTTGCCTATGGGTGTGTCT	GATGTGGAGGAATGTGGCTT
stSG495559	TGACCATGAAGTCCTGAGGAGCCCATTT	ATGCAATGAAGGTGGGAAAG
stSG495560	TGACCATGCTTTCCCACCTTCATTGCAT	GCTTGGCTTGGTCTGTTTTC
stSG495561	TGACCATGAGGACACAGGATCAACCAGG	CAGTTGACATGACCCTCCCT
stSG495562	TGACCATGAAGTTGATGGATCAGGGTGG	AGGTCAGCTCTGCACCACTT
stSG495563	TGACCATGCGCAATCCTTAGGCAGTGAT	GTGTACAGTCCGGGAGCATT
stSG495564	TGACCATGTCCCGGACTGTACACAAACA	AAGCAGTTGTGGTCCAGGAG
stSG495565	TGACCATGGGCAATGGTTTTCTGCAAAT	CCTTCTGAAACTGGGGATCA
stSG495566	TGACCATGCTGGACTTCCACAGGGCTT	CCTAGGACACTCTCCGGTTG
stSG495567	TGACCATGCCACAAATGGAAGGTATGGC	CCTCCCTAGAAGGCAGTGTG
stSG495568	TGACCATGGCCACAATGGCTGGACTTAT	TGGGAGAGAAACATGCACAG
stSG495569	TGACCATGATGCCGCATTTAGCAACTCT	TTCCTCAGACTGCCTCCTGT
stSG495570	TGACCATGCAGGAGGCAGTCTGAGGAAG	TAGGTCAAGGGTTGTGGGAG
stSG495571	TGACCATGCTCCCACAACCCTTGACCTA	AGCCTACCTTCCCCTTGAGA
stSG495572	TGACCATGTTGGGAGAGCTTGGCTTAAA	AGTCCTGGGGCTGGTGTATT
stSG495573	TGACCATGTCCTCTGTTCCCCATCTCAC	TTACCGGCTTTCTCTGCAAT
stSG495574	TGACCATGTGCACAAATGGCTTGATTGT	CCTTCCTTCCCCTGTGAGTT
stSG495575	TGACCATGGGCCCAGTTCACTCATGTTT	TGGTGGTTTTATTTCCTGCC
stSG495576	TGACCATGCTCTCAGGGCCCTTTCCTT	TGAAACACTAGCAAGCGTGG
stSG495577	TGACCATGCCACGCTTGCTAGTGTTTCA	GTTTGAAAACCACCCGCTTA
stSG495578	TGACCATGGTCAAAAGAGCAAAGCCAGG	CTACCGTGCCCAGAGTCATT
stSG495579	TGACCATGCCTCCACTCACCAAGAGAGC	TGCTTCATTTTATTTCCGGC
stSG495580	TGACCATGCATTCTGAGCAGCTTGCTTG	CTGTGATCAAGGCAGAATGAA
stSG495581	TGACCATGCAATCAGGTGGCAAGACAAA	GTGCCAAGCTGTTTGGAGTT
stSG495582	TGACCATGTGGCACCAAATCCATCAGTA	CCTGTTGTTCCCATCACCTT
stSG495583	TGACCATGGAGCTCAAAGGTGTCCTTGC	TGTAAGCTCTGTGGACGCAC
stSG495584	TGACCATGAGTCAGGCGCTAGAGGAAGC	CACTGAATTTGGCCTTACCC
stSG495585	TGACCATGAGGCACTAAACTGGCTCCCT	GCCATCCTGCAAGAGAAGTC
stSG495586	TGACCATGCTCATGGTAATGCCTGGTCC	CAGACGGTCCTGAGCTCTTC
stSG495587	TGACCATGGCTCAGGACCGTCTGACTTC	GGAAGTGAAACCAGCCACAT
stSG495588	TGACCATGAGGAGCTTTTGGTGATTGGA	TACAAGGCAAGGAGCCAACT
stSG495589	TGACCATGTTGGCTCCTTGCCTTGTACT	AGAGTATGGGCTTTGGGCTT
stSG495590	TGACCATGAAGCCCAAAGCCCATACTCT	AATTTGCTTCCTGCCTTTGA
stSG495591	TGACCATGTGTTGCATTTGTGGAGAGGA	ACCTACCTGCCACTCCCTTT
stSG495592	TGACCATGGGAGTGGCAGGTAGGTGAGA	CAGACACCCCTGTCTGTTCC
stSG495593	TGACCATGGTCTGCAGAGGTTTCCCAAC	GAGGCTGCAGTCACAAATGA
stSG495594	TGACCATGGCCCTGAGAGCCTGAATCTA	ACCTCAGCGTTTCCATCGTA
stSG495595	TGACCATGTACGATGGAAACGCTGAGGT	CCTGACCAGCCCAATTAAGA
stSG495596	TGACCATGTTTCCTCCCAACCACTTGTC	TGCTGGCCTATCCCAAATTA
stSG495597	TGACCATGATTTGGGATAGGCCAGCAAT	CCCCAACAGGACATAAAAAGG

stSG495598	TGACCATGGCCTGAAGGGAATGGAGTTT	CTAAGCTCACCATCCCCAAA
stSG495599	TGACCATGGATGCACATGGTTTGACTGG	AGGGCTGCTGACACCTAGAA
stSG495600	TGACCATGGCTTACAACATGGCTGTGGA	CTATGGAACAAGCAGCACCC
stSG495601	TGACCATGAGTGGAAGGGCTGTTTCTCA	AAGACAGGAGTATGCCAGGAA
stSG495602	TGACCATGTTCCTGGCATACTCCTGTCTT	CTAAGGGAGGTGACGCAGAG
stSG495603	TGACCATGGTCACCTCCCTTAGGAAGCC	AGGACAGACCAGGCAAGAGA
stSG495604	TGACCATGCTGTGCATCACAAAGCCATT	TCACCATAGACACCAGGGTATG
stSG495605	TGACCATGCATACCCTGGTGTCTATGGTGA	CAGGGGCTTCAGCTGTCTAA
stSG495606	TGACCATGTTAGACAGCTGAAGCCCCTG	TGTCTCAACCTTTGGTGTGC
stSG495607	TGACCATGGGTCATGTGCAAGTCTCCAG	CCTGGTCAGAGCCTCATTTC
stSG495608	TGACCATGCCAGAGGAAATGAGGCTCTG	TCTGTTCAGCAATCACCTGC
stSG495609	TGACCATGGCAGGTGATTGCTGAACAGA	TGCTGTTTCCCACAAGTCAA
stSG495610	TGACCATGAGTTCAGGTTGCTTGGATGG	CACACTGGGGAGGTGAGATT
stSG495611	TGACCATGTGTATACACCCCTCCTCCCA	AAAATCTCCTGGACTGGCCT

*TCACCATG – Amino linking adaptor added to the 5' end of all forward primers

2b: The 96 well format of primers STSG 495474-495569.

	1	2	3	4	5	6	7	8	9	10	11	12
A	stSG495474	stSG495475	stSG495476	stSG495477	stSG495478	stSG495479	stSG495480	stSG495481	stSG495482	stSG495483	stSG495484	stSG495485
B	stSG495486	stSG495487	stSG495488	stSG495489	stSG495490	stSG495491	stSG495492	stSG495493	stSG495494	stSG495495	stSG495496	stSG495497
C	stSG495498	stSG495499	stSG495500	stSG495501	stSG495502	stSG495503	stSG495504	stSG495505	stSG495506	stSG495507	stSG495508	stSG495509
D	stSG495510	stSG495511	stSG495512	stSG495513	stSG495514	stSG495515	stSG495516	stSG495517	stSG495518	stSG495519	stSG495520	stSG495521
E	stSG495522	stSG495523	stSG495524	stSG495525	stSG495526	stSG495527	stSG495528	stSG495529	stSG495530	stSG495531	stSG495532	stSG495533
F	stSG495534	stSG495535	stSG495536	stSG495537	stSG495538	stSG495539	stSG495540	stSG495541	stSG495542	stSG495543	stSG495544	stSG495545
G	stSG495546	stSG495547	stSG495548	stSG495549	stSG495550	stSG495551	stSG495552	stSG495553	stSG495554	stSG495555	stSG495556	stSG495557
H	stSG495558	stSG495559	stSG495560	stSG495561	stSG495562	stSG495563	stSG495564	stSG495565	stSG495566	stSG495567	stSG495568	stSG495569