

TableS1: 5C oligos used in the study:

Chr21 Forward Oligo ID	Sequences (5'-3')	Modification
5C_chr21-BamHI_FOR_2	TAATACGACTCACTATAGCCGGGCGGTGTGGCTGGGGGCTGGAGGCTGGA	
5C_chr21-BamHI_FOR_4	TAATACGACTCACTATAGCCACTTATTTTAAAAGAACCCATAGAATGGA	
5C_chr21-BamHI_FOR_101	TAATACGACTCACTATAGCCGTGCTCTCCAGCTACACAGACTTCTCTGGA	
5C_chr21-BamHI_FOR_103	TAATACGACTCACTATAGCCACAGGGGTTAGCTTGGATTTTACTGCGGGA	
5C_chr21-BamHI_FOR_106	TAATACGACTCACTATAGCCTCCGTGGTTCGCGAAAGGCGCCGCCAGGA	
5C_chr21-BamHI_FOR_108	TAATACGACTCACTATAGCCTATGCTGCCACTTCTCTAAGATAATAGGGA	
5C_chr21-BamHI_FOR_120	TAATACGACTCACTATAGCCTTGTCTAAGAAGGTAGTAATTAGAGTGGA	
5C_chr21-BamHI_FOR_123	TAATACGACTCACTATAGCCATCGACTGAAACCGTTACCTGGGTTGGGA	
5C_chr21-BamHI_FOR_125	TAATACGACTCACTATAGCCGACGGCACCAGAATCCCAGATCCTCAAGGA	
5C_chr21-BamHI_FOR_127	TAATACGACTCACTATAGCCAAGCTCTCCTGACTTGCAATGTCTCCAGGA	
5C_chr21-BamHI_FOR_129	TAATACGACTCACTATAGCCACGGAAGAACTAGGGTAACACTGGCAGGA	
5C_chr21-BamHI_FOR_170	TAATACGACTCACTATAGCCATCTGCCTTGGTTAATGTAGACGAAGGGA	
5C_chr21-BamHI_FOR_173	TAATACGACTCACTATAGCCGAAGCCACATGTAGGAGAATGATGATGGA	
5C_chr21-BamHI_FOR_191	TAATACGACTCACTATAGCCCATCCTACTTCAGAGGCTGAGGCAGGAGGA	
5C_chr21-BamHI_FOR_193	TAATACGACTCACTATAGCCTTCCTGATGTTCCAGGAGAGTACGGTTGGA	
5C_chr21-BamHI_FOR_299	TAATACGACTCACTATAGCCGTGGACACGCATCACAGTCTTGCCAGCGGA	
5C_chr21-BamHI_FOR_301	TAATACGACTCACTATAGCCCCTCCTTACTCTGGACTTTTCCAGGTAGGA	
5C_chr21-BamHI_FOR_341	TAATACGACTCACTATAGCCAGCTTTTGTGTTTTGCTCTAATCAGCAGGA	
5C_chr21-BamHI_FOR_481	TAATACGACTCACTATAGCCCAAGTCTCGACAGCGGACAGCCTGCCGGA	
5C_chr21-BamHI_FOR_483	TAATACGACTCACTATAGCCTTAATTTTTGTATAAGGTTTAAGGAAGGGA	
5C_chr21-BamHI_FOR_660	TAATACGACTCACTATAGCCTTGTGGCTATTAACGAATTGAGGGGCAGGA	
5C_chr21-BamHI_FOR_662	TAATACGACTCACTATAGCCTGCTGGTGGTTTCTGTGAATAAATTTGGA	
5C_chr21-BamHI_FOR_663	TAATACGACTCACTATAGCCACGCTACTTAGGAGGCTGAGGTAAGGAGGA	
5C_chr21-BamHI_FOR_676	TAATACGACTCACTATAGCCCTCCCTTTTCTCCCTTGCTGTCTCTTGGA	

5C_chr21-BamHI_FOR_818	TAATACGACTCACTATAGCCTAACGCCGTTCTTGTCAATATCACCAAGGA	
5C_chr21-BamHI_FOR_820	TAATACGACTCACTATAGCCTTGGCAAGTATGTATCTAGTCACACAAGGA	
5C_chr21-BamHI_FOR_1377	TAATACGACTCACTATAGCCGAAAGCCTCCTGCAAACCTCAGTCCCATGGA	
5C_chr21-BamHI_FOR_1379	TAATACGACTCACTATAGCCCCTGGAAAGTAGGCAATCAGGAATATAGGA	
5C_chr21-BamHI_FOR_1382	TAATACGACTCACTATAGCCAATCGATGAAGGGAGGCTGAGGCAGGAGGA	
5C_chr21-BamHI_FOR_1384	TAATACGACTCACTATAGCCTGTTTTAAAATCTGAGTTAGTGCGTCTGGA	
5C_chr21-BamHI_FOR_1386	TAATACGACTCACTATAGCCAATCTCTTCCTTTCTTCTGAGATCCAGGA	
5C_chr21-BamHI_FOR_1389	TAATACGACTCACTATAGCCGATTTCTTCTGCCTTTGGGTCTTTTGGGA	
5C_chr21-BamHI_FOR_1391	TAATACGACTCACTATAGCCCTGAACTCCCTTTGTTTACTCCCTATCGGA	
5C_chr21-BamHI_FOR_1393	TAATACGACTCACTATAGCCTAGCTTTGAATAGTATTTACTTATGGA	
5C_chr21-BamHI_FOR_1395	TAATACGACTCACTATAGCCGTTAACATTTTATCACTACTGTCAGGAGGA	
5C_chr21-BamHI_FOR_1402	TAATACGACTCACTATAGCCCTCAAGTTTATGTTTCAGTATGAAAGAAGGA	
5C_chr21-BamHI_FOR_1404	TAATACGACTCACTATAGCCCATGTTTGAAGTGTGAGTTGCCCAAGTGGA	
5C_chr21-BamHI_FOR_1610	TAATACGACTCACTATAGCCACTCAATGGCACCAAGGCATTCATGAGGGA	
5C_chr21-BamHI_FOR_1612	TAATACGACTCACTATAGCCACGTCTCCCTCAAGAGACTCTGGGGAAGGA	
5C_chr21-BamHI_FOR_1615	TAATACGACTCACTATAGCCGCCGAATCTTATCTATCTTCCCTGCTGGA	
5C_chr21-BamHI_FOR_1617	TAATACGACTCACTATAGCCATTGGAAGCCAGAAGTATAAGAAAAATGGA	
5C_chr21-BamHI_FOR_2069	TAATACGACTCACTATAGCCTCCTCCTGATGGAAGGGGCAAGGTTCTGGA	
5C_chr21-BamHI_FOR_2072	TAATACGACTCACTATAGCCCTCGATGAGCCCATCTACTGGTCTTTGGA	
5C_chr21-BamHI_FOR_2075	TAATACGACTCACTATAGCCCCTACCCTAGGGTGTGGCCCTCTTCTGGGA	
5C_chr21-BamHI_FOR_2238	TAATACGACTCACTATAGCCAACCTAATGTATTGAAGCCTATTAATGGA	
5C_chr21-BamHI_FOR_2240	TAATACGACTCACTATAGCCGGCTCCTTTCCCATAGATGAACCGGTGGA	
5C_chr21-BamHI_FOR_2243	TAATACGACTCACTATAGCCGGAACACATTGCGAGATATGCAGACAGGA	
5C_chr21-BamHI_FOR_2245	TAATACGACTCACTATAGCCGAGGCAGATGAGAAGCTAGGAGTCACAGGA	
5C_chr21-BamHI_FOR_2272	TAATACGACTCACTATAGCCTACTTTTCTGCTGTGAGAATGTAAGATGGA	
5C_chr21-BamHI_FOR_2274	TAATACGACTCACTATAGCCTATCCGCACTGCCACCGTGCCTGGCCGGGA	
5C_chr21-BamHI_FOR_2275	TAATACGACTCACTATAGCCGCTTGCCACCATTGTTTTCAAACCTAGGA	

5C_chr21-BamHI_FOR_2278	TAATACGACTCACTATAGCCGGTTGTTAAAGGGAGGCCGAGGCGGGTGGGA	
5C_chr21-BamHI_FOR_2280	TAATACGACTCACTATAGCCCCCTGCCCGTCCATCTTTTTGCCTTGGGA	
5C_chr21-BamHI_FOR_2284	TAATACGACTCACTATAGCCCTTTGGGTTTGATTCTCCATTGCTGGGA	
5C_chr21-BamHI_FOR_2286	TAATACGACTCACTATAGCCTATAGTCCCAGCTACTTGGGAGGCTAAGGA	
5C_chr21-BamHI_FOR_2287	TAATACGACTCACTATAGCCTTAATTTTTATATAAGGTGTAAGGAAGGGA	
5C_chr21-BamHI_FOR_2289	TAATACGACTCACTATAGCCAGTGTTACAGTTTCTCCACATCATCCAGGA	
5C_chr21-BamHI_FOR_2301	TAATACGACTCACTATAGCCGATCCTGTGCAGGTCAGCCTCGGAAAAGGA	
5C_chr21-BamHI_FOR_2304	TAATACGACTCACTATAGCCCCCTGCTTTCAAACCTCCTGACCTCAAGGGA	
5C_chr21-BamHI_FOR_2307	TAATACGACTCACTATAGCCATATTCAGCCATTAACATGGATGAATTGGA	
5C_chr21-BamHI_FOR_2309	TAATACGACTCACTATAGCCACGAGGGAGAGAGGCCTCCTCCAGGGAGGA	
5C_chr21-BamHI_FOR_2314	TAATACGACTCACTATAGCCATTTTACATCCCTGTTACATTTCTCTAGGA	
5C_chr21-BamHI_FOR_2316	TAATACGACTCACTATAGCCGAAGTCGTTGAGAGCCACCCAAGAGGTGGA	
5C_chr21-BamHI_FOR_2317	TAATACGACTCACTATAGCCAGGCCACGACGGCGCCAGAGGAAACAGGGA	
5C_chr21-BamHI_FOR_2322	TAATACGACTCACTATAGCCTGGAAAAAGTTATGAGTAAGCTACCACGGA	
5C_chr21-BamHI_FOR_2422	TAATACGACTCACTATAGCCCTCCGCTCCTCAAGGACCAGACAGCAAGGA	
5C_chr21-BamHI_FOR_2424	TAATACGACTCACTATAGCCGGTCGTCTTTGGGAGGTCAAGGCAGGAGGA	
5C_chr21-BamHI_FOR_2443	TAATACGACTCACTATAGCCAGATCTTATTCATGAGTCTATATTTTGGGA	
5C_chr21-BamHI_FOR_2447	TAATACGACTCACTATAGCCCCAGCCAGCAGAAGACCAGTCTGCTTCGGA	
5C_chr21-BamHI_FOR_2449	TAATACGACTCACTATAGCCTGGGCCTAATAAGGGAGTCATATTAGAGGA	
5C_chr21-BamHI_FOR_2460	TAATACGACTCACTATAGCCCTCGAACCTCAGTGACATGCACCGAGTGGA	
5C_chr21-BamHI_FOR_2462	TAATACGACTCACTATAGCCTATAAATTTAATAACACACACATAAAAGGA	
5C_chr21-BamHI_FOR_2494	TAATACGACTCACTATAGCCGAAGAAGGTGTTGGGGCATCCACTTGGGGA	
5C_chr21-BamHI_FOR_2496	TAATACGACTCACTATAGCCTTGGCATTTCGACTGGATTATCGGGTAGGA	
5C_chr21-BamHI_FOR_2521	TAATACGACTCACTATAGCCGGCATAAGAGCACGTGTTGAATGAGATGGA	
5C_chr21-BamHI_FOR_2523	TAATACGACTCACTATAGCCATCCACAACAAGCCCTTACTGGAAGGGGGA	
5C_chr21-BamHI_FOR_2614	TAATACGACTCACTATAGCCAATAATCTGTATGATATTATAATGGTGGGA	
5C_chr21-BamHI_FOR_2616	TAATACGACTCACTATAGCCGCAATTCTGAATGATTAGATTGAAATTGGA	

5C_chr21-BamHI_FOR_2618	TAATACGACTCACTATAGCCGGAAGCACGTGGGCAGCATCTAATGAGGGA	
5C_chr21-BamHI_FOR_2620	TAATACGACTCACTATAGCCTAACAGATCCAAAATGGACTTCCAGGAGGA	
5C_chr21-BamHI_FOR_2666	TAATACGACTCACTATAGCCTACTTCATAAAGGGCAGCCCTAGTGCTGGA	
5C_chr21-BamHI_FOR_2668	TAATACGACTCACTATAGCCTCGAAAGAGAGACCCCATCGCTGCCTGGGA	
5C_chr21-BamHI_FOR_2671	TAATACGACTCACTATAGCCAGGATATCCAGCAGGGTGTCTGGGCTGGGA	
5C_chr21-BamHI_FOR_2673	TAATACGACTCACTATAGCCTGTCTCGATGATGTCATCTGAGACTCTGGA	
5C_chr21-BamHI_FOR_2736	TAATACGACTCACTATAGCCTCTCATTTTGGCGAGTGGAAAGCGATGGGA	
5C_chr21-BamHI_FOR_2738	TAATACGACTCACTATAGCCAGTGAGGGCTCTCCCTCTCTGGCCTGGA	
5C_chr21-BamHI_FOR_2741	TAATACGACTCACTATAGCCAGGCTGGTGTAGGAAATGTCTACAAGGGA	
5C_chr21-BamHI_FOR_2743	TAATACGACTCACTATAGCCCACCACTCTATCAGGACAGCCAGCAGCGGA	
5C_chr21-BamHI_FOR_2745	TAATACGACTCACTATAGCCGACCAACCCCACTGAAGTTCTAGGGAGGA	
5C_chr21-BamHI_FOR_2779	TAATACGACTCACTATAGCCATCCTAGATTCCTTTAATCAGTCTATGGA	
5C_chr21-BamHI_FOR_2782	TAATACGACTCACTATAGCCGACATTGCTCGTACTCCTGGGCTCAAGGGA	
5C_chr21-BamHI_FOR_2821	TAATACGACTCACTATAGCCGGTCTACACAGGGATGCCCTGTGGACAGGA	
5C_chr21-BamHI_FOR_2823	TAATACGACTCACTATAGCCACTCACTGAGGAAGGAACAAGGATGCGGGA	
5C_chr21-BamHI_FOR_2872	TAATACGACTCACTATAGCCTTCAAATGTAGCTCACAGACCTGTAGGGA	
5C_chr21-BamHI_FOR_2873	TAATACGACTCACTATAGCCTGCGAATCCCAAATTAATTTTATATCAGGA	
5C_chr21-BamHI_FOR_2874	TAATACGACTCACTATAGCCTACGCAGTTGCCTCTCTGAAGACAAAGGGA	
5C_chr21-BamHI_FOR_2877	TAATACGACTCACTATAGCCCTTCCGAAGGCATACCAGTTCAGACTTGGA	
5C_chr21-BamHI_FOR_3065	TAATACGACTCACTATAGCCTCCGCACGCAGTGCATCCCATATTGGAGGA	
5C_chr21-BamHI_FOR_3069	TAATACGACTCACTATAGCCAACCTGGTTGTGTTTGTCTAAAGACCTGGGA	
5C_chr21-BamHI_FOR_3078	TAATACGACTCACTATAGCCTACAGCCACTAGGAACCCACAAGGACAGGA	
5C_chr21-BamHI_FOR_3079	TAATACGACTCACTATAGCCTTCTGAGACCCTCAGGCTCATAGAACTGGA	
5C_chr21-BamHI_FOR_3082	TAATACGACTCACTATAGCCGGCTTAACCTAAGGAGGAGATCCTGGGGGA	
5C_chr21-BamHI_FOR_3099	TAATACGACTCACTATAGCCAGACACTAGGCCAGACTGCAGGCGGCAGGA	
5C_chr21-BamHI_FOR_3101	TAATACGACTCACTATAGCCGTTCCACGGTTGACAGGGAAGCCCTGGGA	
5C_chr21-BamHI_FOR_3161	TAATACGACTCACTATAGCCATGTGTTTTCTGCGTAACAACGAGATGGGA	

5C_chr21-BamHI_FOR_3163	TAATACGACTCACTATAGCCCGGTGGTTCGACCTGGGTGCCACGAAGGGGA	
5C_chr21-BamHI_FOR_3165	TAATACGACTCACTATAGCCTCCGGGCGCTGTCGTGGTGGAGAACGCGGA	
5C_chr21-BamHI_FOR_3167	TAATACGACTCACTATAGCCCGTCTTTGTGCCTGTGGAACTACGGGGA	
5C_chr21-BamHI_FOR_3169	TAATACGACTCACTATAGCCTCTGACTTTCTAGTAACCACCGATTCCGGA	
5C_chr21-BamHI_FOR_3171	TAATACGACTCACTATAGCCCGTCTCTGAGAGAAGGGCCGTGAGTGAGGA	
5C_chr21-BamHI_FOR_3174	TAATACGACTCACTATAGCCCTTCGGCGGGCTTGGGAGGTTTGTACAGGA	
5C_chr21-BamHI_FOR_3176	TAATACGACTCACTATAGCCGATCGAGGCTTATGTTTCAGCACCCCAGGGA	
5C_chr21-BamHI_FOR_3203	TAATACGACTCACTATAGCCGTACTIONCACCAGGCGGGTGGCCTGCAGGGA	
5C_chr21-BamHI_FOR_3206	TAATACGACTCACTATAGCCCGTGGACGGAGGCCCTGCATCCAGGGAGGA	
5C_chr21-BamHI_FOR_3229	TAATACGACTCACTATAGCCCTCTCGTGGCTTTGACTCCCAGAGCATGGA	
5C_chr21-BamHI_FOR_3231	TAATACGACTCACTATAGCCCTCCCAGGGAGGAGTTTGGGAGGAAGTGGA	
5C_chr21-BamHI_FOR_3234	TAATACGACTCACTATAGCCCGCGGCGTCCCACCTCCATCTGCTCGTGGA	
5C_chr21-BamHI_FOR_3235	TAATACGACTCACTATAGCCCCCTGGTCTCAAATAATGGCCTCAAGGGA	
5C_chr21-BamHI_FOR_3237	TAATACGACTCACTATAGCCTGTGCTTTTCTCATAGTGAAGGGAAAGGGA	
5C_chr21-BamHI_FOR_3238	TAATACGACTCACTATAGCCCGGAGCCCATCACAGAGCAGTACTCTGGA	
5C_chr21-BamHI_FOR_3240	TAATACGACTCACTATAGCCATGTCTTGTTACAGACAAGGAGACTGGGA	
5C_chr21-BamHI_FOR_3350	TAATACGACTCACTATAGCCTCTTACTGCATCCTGTTTTATCAGCAGGA	
5C_chr21-BamHI_FOR_3352	TAATACGACTCACTATAGCCCTACCAACCATGGTTTGTGCTCTGGCAGGA	
5C_chr21-BamHI_FOR_3353	TAATACGACTCACTATAGCCCTCTAACAGTGCATGCTCTTTGGGTGAGGA	
5C_chr21-BamHI_FOR_3355	TAATACGACTCACTATAGCCGTCAGACATTGTCGCTGGGACAATTAGGA	
5C_chr21-BamHI_FOR_3398	TAATACGACTCACTATAGCCCTGGGGTACGAGCCAGGCCAGGAGGCAGGA	
5C_chr21-BamHI_FOR_3402	TAATACGACTCACTATAGCCGGGAACTCCGACGTGGCCTGGGGTGGGGGA	
5C_chr21-BamHI_FOR_3404	TAATACGACTCACTATAGCCCTCTAAGGTGGCGCTTGCTTTTTAAGGGA	
5C_chr21-BamHI_FOR_3406	TAATACGACTCACTATAGCCGGTCGTGAAAGGGAGGCCGAGGTGGGTGGA	
5C_chr21-BamHI_FOR_3454	TAATACGACTCACTATAGCCGAATGGGAGAAAATATTCGCAAATATGGA	
5C_chr21-BamHI_FOR_3456	TAATACGACTCACTATAGCCGATGGAAGGTCCCTGGAAGACTAAGCTGGA	
5C_chr21-BamHI_FOR_3466	TAATACGACTCACTATAGCCGTGGTGGCTTAATGGCTGCATTAGATAGGA	

5C_chr21-BamHI_FOR_3468	TAATACGACTCACTATAGCCAGAGGAGCATCAGCCTCCCAAGTAGCTGGA	
5C_chr21-BamHI_FOR_3470	TAATACGACTCACTATAGCCTGACCGTAAGCCTGGAAAGGGAGGGGCGGA	
5C_chr21-BamHI_FOR_3472	TAATACGACTCACTATAGCCCAGAAAGGTTAGAGGCCAGGCAGTGCTGGA	
5C_chr21-BamHI_FOR_3553	TAATACGACTCACTATAGCCCTAGAGGCAGAGCCAGGATCTCCCCAGGA	
5C_chr21-BamHI_FOR_3555	TAATACGACTCACTATAGCCCCCTCGGGACCTTGGGAGCGGGCCCAGGA	
5C_chr21-BamHI_FOR_3569	TAATACGACTCACTATAGCCCCTTGCCACATGAGGTAACATTCACAGGA	
5C_chr21-BamHI_FOR_3571	TAATACGACTCACTATAGCCCGAGGTGTCGCGGACAGCATTCTGCAAGGA	
5C_chr21-BamHI_FOR_3724	TAATACGACTCACTATAGCCGGTAGTGCCGCCAATATGTGCAAGCCAGGA	
5C_chr21-BamHI_FOR_3726	TAATACGACTCACTATAGCCCCGACGTCTCGAGCTCCTGGACTCAAGGGA	
5C_chr21-BamHI_FOR_3784	TAATACGACTCACTATAGCCACCACAGTCCCACATGGTGTGCCCCAGGA	
5C_chr21-BamHI_FOR_3786	TAATACGACTCACTATAGCCCGACGACCCTGCTGGGAGAGGCGGGAGGGA	
5C_chr21-BamHI_FOR_3788	TAATACGACTCACTATAGCCTCCCCTCGTACTCCCCTGCTGTGCCAGGA	
5C_chr21-BamHI_FOR_3795	TAATACGACTCACTATAGCCGCGCCCCTGGAGGACGTGGTGGCGGCCGGA	
5C_chr21-BamHI_FOR_3802	TAATACGACTCACTATAGCCAGGAGATTTGACAGGAGAAGCATGATGGGA	
5C_chr21-BamHI_FOR_3804	TAATACGACTCACTATAGCCTCCGAATGGGCGCTGCAGCTCGCTCTCGGA	
5C_chr21-BamHI_FOR_3808	TAATACGACTCACTATAGCCGTGAGACGCGCCCAAACGGCCAGGCTGGA	
5C_chr21-BamHI_FOR_3810	TAATACGACTCACTATAGCCCTTTAGATCTTCCCAAAGGTGGTGTGGGA	
5C_chr21-BamHI_FOR_3914	TAATACGACTCACTATAGCCCGGTCTCGTGGCCAGAGGTGAGGAAGGGGA	
5C_chr21-BamHI_FOR_3916	TAATACGACTCACTATAGCCGAAAAAAGAGCAAGAGAGAAAGCCCAAGGA	
5C_chr21-BamHI_FOR_3921	TAATACGACTCACTATAGCCCGTACGCACCACACCTGGCACCTCTTTGGA	
5C_chr21-BamHI_FOR_3924	TAATACGACTCACTATAGCCCCGAAATGAGCAACACACACCAACCTGGGA	
5C_chr21-BamHI_FOR_3997	TAATACGACTCACTATAGCCGTGTCGGATGCCCTGAATCGCCCTTGTGGA	
5C_chr21-BamHI_FOR_3999	TAATACGACTCACTATAGCCGACGTCGTAGGACCTCCTGGGCTCAAGGGA	
Chr21 Reverse Oligos ID	Sequences (5'-3')	
5C_chr21-BamHI_REV_3	TCCTTAAGGCCCCCAACCCGGAGGGGTGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_5	TCCAAGTGGTCTGTCCGCTTCCGAGGCGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_102	TCCAAC TAGGAGTTGGATAAGTAAATTATATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_105	TCCTCTTAGTATTAAGATTTCTTAAAAAGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_107	TCCGCGCGGCTTCTCCTGAGGCCACTGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_118	TCCCTAGTGTATACTTCCCAAACACTATTATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_121	TCCCTCACTATGTTGCCAGGATGATCTTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_124	TCCCTGATGGGTCTATGCATGTATGCAAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_126	TCCACTAGGTGAAGCCAGCTGGACAGGACTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_128	TCCACACCCACATGACGCAGCGAGAGGTAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_172	TCCAATCAGCATAATGTCATCAATGTAATGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_174	TCCTCCCACCTCAGCCTCCTGTCATCGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_190	TCCACCCGCGTGACCCAAACTGAAGGGTGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_192	TCCCTAGCTTACCCAAAGCCTCCAAAGGTTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_297	TCCCAGAGGTCCATGATGGGAGTGCCACGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_300	TCCATTGCTAGGGACCTAGTGCAATCTTTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_340	TCCACTTCCAGATCGTTCATGTGATTTTGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_342	TCCCACTTATGTAGAAATTTATATAGTTGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_482	TCCGGCAGGGTGCCACTGTGGAAGACTAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_484	TCCAATAAGGTCAGTTCATTTAAAATTCAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_659	TCCAGGCAAGTCCCACTGTACTTTTTAGGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_661	TCCTTAGTGGCACAAGTGAACATAGAAAACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_664	TCCATGTAATCCTTATCCATGTAAGACAGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_677	TCCATAGTTAGATTAGTTAGATTTAAGTGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_819	TCCATACAACCTCCTCATGAAGTCCTACTTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1378	TCCTCCCTCAGGACCCAAACACCAGGGTGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1380	TCCCTTATGTTGTAATTAGTGACCTTATAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1381	TCCTTCAGGACCTCCGTGGCCAAGAGTGTTCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1383	TCCCTCGAAGCCAGGAATTCATGACCTCGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_1385	TCCAGAAGGCTATCACACTGGCCCAGACGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1387	TCCTTCGTGTGGCTAAACCAGTTCTAACATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1390	TCCCCTCAATATTTGCATCTACTTAAGAAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1392	TCCATGTCTTAATCACCAGACCTTGCGAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1394	TCCTTCACACAGAGTCTCCACTGGGCGTGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1403	TCCTATTTATCACATCCAGGAATTAGTCATTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1406	TCCAATAAGTACATGCCCAACCATATGATGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1609	TCCCTCTTGGCTTGGTGCAGTTCTTGGGTATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1611	TCCTTTTACCTCCCCGTCCTGAGCTCGACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1614	TCCAGCCTACATCTCTCAGCTACCTTTGTATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_1616	TCCATAGTGTCTCTAACACAGGCCAGGTACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2068	TCCTCTGAAGGCATTAGGGAAGGCTCTCAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2071	TCCACTAAAGGGTATTTCCGAAGTCTGCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2074	TCCACAAGTGGTTTTTTAGAGACAGGGTCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2237	TCCAATAGGTCTGACCCCGCCGGTAGAGTTCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2239	TCCATCTGGGTTTAAGATGGAATGAGCTGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2242	TCCTCTTTCTAAGGAAGTAAGAATTGGGCCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2244	TCCACAAGGCCAGGGAGGTACTTGCGAATGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2271	TCCCTTCTCCTGGGGACTGGCACCTTCTGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2273	TCCTCCCACCTCAGGCTTCTGAGTAGGACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2276	TCCAAGAAAGAAGCCTTGCTCTCAAATTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2277	TCCCTTTCTTCTGCTCTTTTGAGTATAGGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2279	TCCAACAGGAACCTTAAACTAAAGCTCTGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2283	TCCCTTCGTGGCCCCTAGGAGATGCTGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2285	TCCCTAGGATGGGGACACCAGTCGAGAAGTTCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2288	TCCAACCCCACAGAGCCCAGGTTGATTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2300	TCCACTAACTTCAGACTCAAGTTGTCAGCATCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_2302	TCCCAACAATGAAGCCATTTGAAACGCTGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2308	TCCCTGTTTCTCAGGGTACACCTTGAGGAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2310	TCCTGAAGCAAGTTACTAAGGAAGAGACTGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2313	TCCAAATCAGAGGTGTTAATGGAAGGCAACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2315	TCCTGTGGGTTTCTTCTTCCCATGGCGTGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2320	TCCGGGTCTCAGGGTGGAACTGAACCCGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2323	TCCAGTTTTAGCTTCTTCATATGGCTAGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2423	TCCACTTCTTGAATTCAAATAGACTAGACTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2425	TCCCACCCCAGGAGCTACTTCTGGAGAAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2442	TCCTTGTATGCAGAGCAGCACCTATAATAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2444	TCCTAGGGTGCAGAAAAATTCTGATGTGCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2445	TCCCTTGCATGTGCATGTCTATGCGAGAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2448	TCCTTCTGACTTAATTGGCACTTGACCTATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2459	TCCAGGCACAAGTTGTCAGGACACAGCTTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2461	TCCTGTATCAGATCATTCGGGAGCTGTCAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2493	TCCCATTACTTCCAATCAATTCCGTAACTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2495	TCCAAGGCAGATTGGCAGACCGTAGGAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2520	TCCACAGGTACATCTGTTGTAAGTGCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2522	TCCTCAATTCTTGCCTTCTCAGAAGAAAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2612	TCCTCCTATGGATTTCTTGTCTGCTCCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2615	TCCTTGCTATTTGTCTCCTTGCCATTTTGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2619	TCCTTGTGGCTTCTCAGCTGTGTTACACTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2667	TCCCCTTCCAATCAAAGAGAGGACTTAGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2669	TCCCACTTCTGCAACAATAACCCACTCGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2670	TCCTTGGGGTTCTGGGGCTTGGTCGTTTACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2672	TCCAGGTTTAGAGGCCCTGCCACGCAGTATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2737	TCCCTTGAGCCCTTTAGCCAGGAGAACTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_2739	TCCTCATCTCTCACCTTATACAAATATCAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2742	TCCCCGTGGCCTCTCAGTGTGCGCGCCGTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2744	TCCTCACAGCCCTCACTTGCAGGCTGAACGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2778	TCCAGTTTCAGCTTTCTATATATGGCTAGCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2780	TCCACTGCTTTGGCCTCCCAAAGGCGACCCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2820	TCCAGGCTAAATCGTTCCAATCTCCATAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2822	TCCTAGAAGAGAGATAGGGAGGAGGAGAAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2869	TCCAGGCCAGGAATCTGAAACGTCAGATAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_FOR_2870	TCCTCCCGCCTTGGCCTCCTGTCATCGACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2871	TCCCTTACCTCTTCCCTTAAGCTGATAGTTGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2876	TCCATCTAAAATGGTTGCTGTCTAACAGCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_2878	TCCGGGCTGTAGGTTAGGATCTGGCTGTTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3064	TCCTCTCTTTACAAAGCAGACATAGGCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3066	TCCTGTTAGCCTTTCTCCATCCTTTCCGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3077	TCCCAACTCTTTTGAGTGAGGAGTAAGGAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3081	TCCCATCAGCTGCCGAGCAAGTTTCGGTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3084	TCCTAGCCTCCAGAACTGTGGGAAGATGTTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3100	TCCTCCCAGAGCCTCCGAGGCACGACGGATTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3102	TCCTTCATGAATGGCTTAGCACCATCACCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3162	TCCAGCCGCCGAGGACACAATCCTGCACATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3164	TCCCCACATGCAGAGCCAGGCTATGAGTAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3166	TCCGAGGAGAGATGGAGGGAAGAGGTCTCCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3168	TCCCATTTTACAGAGGACAAAAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3170	TCCGCCTGAAGGTTGGATCACGGCCAGTGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3172	TCCACCCGGGGGGCTACAAAAGGGCCCGAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3175	TCCAGGCTCACCATGGGCCCGGCTCCCGGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3202	TCCTGGGGGCGGTTCCCTCAACGACAAGAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_3205	TCCCTGGACCAGCAACAGCAGGTAGCGGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3227	TCCTTCCCAGCAAGCCAGGAACACAAAGAGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3230	TCCCCGGGCCTCCTTAGGCATTACAATAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3233	TCCACTCAGAGCTGGCAGCCCGTCCCCCTCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3236	TCCAGCCCTACACACAGGCAAACCTCCAGCGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3239	TCCTTTCTGCCAGCTCACCAACCGGTCTACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3242	TCCCTGCAAGTCTCGGGCAATCCCCCACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3349	TCCTCCTACCTTGGCCTCCCAAATGTACCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3351	TCCAAGGAGTAATCTTGACTTTCAAGTCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3354	TCCAGAAGGACAAACACTGTACGATTCGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3356	TCCCGCCATGCTTCATTTAGAGGAACCACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3399	TCCAGCCCGGGGAGCCAGTGGGACCAAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3403	TCCAGACCTGGAAGGAAATGGGGTCTGTGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3405	TCCATAGCTCCCAGCCACCTGGCCCACGTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3407	TCCATCTAGCTTCTGCTTCTCAAAGAACATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3455	TCCTAGAGCAAGTGGCAGGAGACCAATCACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3457	TCCTTTTCCTTCTGAAACAAATGTTCTTTTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3467	TCCAAAGAACAGGTGAAAAATTTGTTTCGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3469	TCCCGAGTGAGCCAAAGAAGGAAACAGAAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3471	TCCACCCTCTTCAGCCTCCTGAGTAGGATCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3552	TCCGCTGCACCCCTTGGCTCTCCGGAGAGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3554	TCCAGGGCCTCCTTCCTTGCAATATGAGGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3567	TCCTCAGAGCCAGTGTTAAGCAAAGAGGGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3570	TCCACCTGAGCCGTGATCCTGGCCAGTGGATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3723	TCCTTCTAGCAAATCCCCCTCTCTGCTTCGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3725	TCCTGAGTCTAGGGTGAGATCCGAACAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3783	TCCAAGTTAAGCTGGTGCAGGTGAGGTCCGTCCCTTTAGTGAGGGTTAATA	5'Phosphor

5C_chr21-BamHI_REV_3785	TCCATCACCACACAGCAGGGGGTTTTAGGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3787	TCCATGTCATGACACACTTGTCAAAACCCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3789	TCCCATCACTCCTTCTGCGTTTACTCGGACTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3803	TCCTAACTCAATCCCATCCCCAAAGACACATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3805	TCCAACCTGACAATCCACTGAACCTCAGAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3806	TCCCCTGGCACTCCCGGGGCGGTTTCTTGGTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3809	TCCATGGACGCTTCCTTCTTTCTGGCACCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3915	TCCCCAATTTCCCAAAGTCATATACAGAATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3917	TCCTGGGTGCCAGAGGCTGGCCCTCCCTCCTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3920	TCCTGAGCTAAGGGAACACTTTAGTTCATTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3922	TCCCACCTCGCCCTCAAATGTGTGAGGATATCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3996	TCCTCTGTCCCGGGGCGATCTAGGAGGTCTTCCCTTTAGTGAGGGTTAATA	5'Phosphor
5C_chr21-BamHI_REV_3998	TCCAGCCCCAGTTAGGAACAGGGGCCCTCATCCCTTTAGTGAGGGTTAATA	5'Phosphor
Chr16 Forward Oligos ID	Sequences (5'-3')	
5C_chr16-BamHI_FOR_2	TAATACGACTCACTATAGCCTTAAGGTTCTGCCCTCTCTGGGGGTCTGGA	
5C_chr16-BamHI_FOR_3	TAATACGACTCACTATAGCCGGCTCTACCTATAATCTCAGCATTTTGGGA	
5C_chr16-BamHI_FOR_5	TAATACGACTCACTATAGCCTTTTCTAAAGAGAAACCCATGAGGAGGGA	
5C_chr16-BamHI_FOR_9	TAATACGACTCACTATAGCCTCCACCCCTTCACTCGTATTTTCTCTTGGGA	
5C_chr16-BamHI_FOR_11	TAATACGACTCACTATAGCCCCGATTACACCGGCAGCAAACCCCTTGGGA	
5C_chr16-BamHI_FOR_13	TAATACGACTCACTATAGCCTCGGACTGATTCCTGGTTGGGGGTGGGGA	
5C_chr16-BamHI_FOR_15	TAATACGACTCACTATAGCCAAAAAAAAAAAAAAAAACCCACAAAAGTGGGA	
5C_chr16-BamHI_FOR_17	TAATACGACTCACTATAGCCAACCTTCCATGTGCGGATGATTGAGATGGA	
5C_chr16-BamHI_FOR_19	TAATACGACTCACTATAGCCCCCTATAGTGGCAGCAGACAAACCCCTTGGGA	
5C_chr16-BamHI_FOR_21	TAATACGACTCACTATAGCCCAATAGTATTCGAAGTATTCTACAATAGGA	
5C_chr16-BamHI_FOR_24	TAATACGACTCACTATAGCCCTGTGTATCCAAAATACTTAAAAGCAGGA	
5C_chr16-BamHI_FOR_28	TAATACGACTCACTATAGCCACTTCTCAACGTGGGACAAGAAGTCTTGGGA	

5C_chr16-BamHI_FOR_30	TAATACGACTCACTATAGCCATGTGTTACCAAGCTGGAAGATCTCTGGA	
5C_chr16-BamHI_FOR_32	TAATACGACTCACTATAGCCATTGACAATATTTTGTCTAAACATGTGGGA	
5C_chr16-BamHI_FOR_34	TAATACGACTCACTATAGCCAATGTTAAAATATGTATACTTACACGTGGA	
5C_chr16-BamHI_FOR_36	TAATACGACTCACTATAGCCGATACTCTCCTAAACAGAAAGCAACGGGGA	
5C_chr16-BamHI_FOR_38	TAATACGACTCACTATAGCCTGAACAGAAGGATGACACATGAAGGTTGGA	
5C_chr16-BamHI_FOR_40	TAATACGACTCACTATAGCCTGGACAGAAGTTCTTTTGTAGAACGAGGGA	
5C_chr16-BamHI_FOR_42	TAATACGACTCACTATAGCCAAAGGTGCTGGAAGAGGGACAGCCAAAGGA	
5C_chr16-BamHI_FOR_44	TAATACGACTCACTATAGCCTCTTGCTATGATAGAAAATTGCTTTTGGGA	
5C_chr16-BamHI_FOR_46	TAATACGACTCACTATAGCCCCTGAGTTGCAGAGAAGCAAAGGACTGGA	
Chr16 Reverse Oligos ID	Sequences (5'-3')	
5C_chr16-BamHI_REV_1	TCCAGCTTGGTCTCCACTCCTGACGTGACGTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_4	TCCATGATAACAGATACAGGCCCTGATGCATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_6	TCCTACATTGCACCTAGTTGCCACGCGAGGTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_10	TCCTTTAGGTAGTCCTTTTGTTCATGAACACTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_12	TCCAGGGAGATATTGGAGGTAAGCAAATATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_14	TCCTTATATTATTAAGAAAATTAAGATCAGTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_16	TCCAGTGACAACATGGTGACTGTAGTTAATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_18	TCCTAACAAAAAATGTGTTTTATAATCACTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_20	TCCAGTATCTCCACTATCCAGTGGGATTTTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_23	TCCAACCTTATTTTTTGCATTTGTTTCATATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_25	TCCCATTCTGCTATAGTTAATATTTCTGTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_FOR_26	TCCCTACCTTCCACCATATACAAAAATTAATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_27	TCCAAGGCTGATTTAAGAAACACAAATCAATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_29	TCCTTAGGATGTCCCTTTGCCAGCTGCTTTTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_31	TCCCTTCCCTTACACCTTATACAAAAATTAATCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_33	TCCCAGGCTTGGTCAATTTGACTTTTCATGTTCCCTTTAGTGAGGGTTAATA	5'phosphor

5C_chr16-BamHI_REV_35	TCCTCTAAAGTCGAGATGAATATGCTAATTTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_37	TCCTACCCTGCAACACCTTGATTTTGGACGTCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_39	TCCTTAAAGTAGAACTACACCGGTGTGAGTTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_41	TCCGGTGAGGTCCTTTAACCCCACTTTACTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_43	TCCTTTTGGTTAGAAGGTCAAAGAAATAGTTCCCTTTAGTGAGGGTTAATA	5'phosphor
5C_chr16-BamHI_REV_45	TCCCTGTTTCATGGAATAGGATATATCTATTCCCTTTAGTGAGGGTTAATA	5'phosphor