

205008_1-1C.....C.....G.....T.....
 205008_1-2C.....G.A.....A.....T.....G.....T.....
 205008_1-5 ...C..C.....C.....C.....T.....AT.....G.....A.....
 205008_2-19G.....T.....T.....T.....G.....C.....G.....
 205008_2-17C.....T.....T.....T.....T.....G.....
 205008_2-8C.....C.TT.....A.....T.....G.....
 205008_2-5C..T.....G.....C.....A.....
 205008_2-11C..T.....G.....C.....A.....
 205008_2-14T..T.....A.....C.....A.....
 205008_2-4C.....T.....AC.....G.....
 205008_1-3C.....A.....A.....C.....CA.....A.....
 205008_1-6C..T.....T.T..G.....A.....C.....C.....T.A.....
 205008_2-12C.....T.....T.....T.....-.....T.....G.....
 205008_2-9C.....T.....T.....T.....T.....G.....
 205008_2-7C.....A.....C.A.....T.....G.G.....A.....
 205008_2-15A.A.....A.....C.A.....A.....T.....A.....
 205008_2-18 C.....C.....AC.....A.....-.....T.....G.....
 205008_2-6T.....-T.....G.....T.....CA.....G.....T.....
 205008_2-16C.....-.....T.....C.....G.....A.....T.....A.....
 205008_1-4C.....T.....A.....
 205008_1-7C.....T.....G.....
 205008_2-10T..T.....A.....T.....T.....AT.....T.....
 205008_2-13T.....A.....T.....A.....T.....G.....
 205008_2-2C.....T.....T.A.....T.....A.....
 205008_2-3C.....T.....A.....T.....
 CONSENSUS GTTAGTTcTGAgTGAATTCCCTcGcGTATGATCATTcTTTcATCagTTTGTTcccCgTTTCTTcTCTAGtCTGAGCCTAgCACACTATTCTAGcTATCCAT

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205008_1-1--.....C...A.T.....G.A.....A.....T.....A.....G.....
 205008_1-2--..A.....C.....G.....T.T.....G.....G.....
 205008_1-5--GC.....C...A.....G.....A.....G.....G.....T.....T.....
 205008_2-19--..A.....C.....T.....T.....G.....G.....T.....A.....
 205008_2-17--.....C.....T.....AG..T.....A.....T.....TT.....T.A.....A.....
 205008_2-8 .T....TG...T.....C.....G.....A.T.....C.....CG.....
 205008_2-5--.....C.....T.....G.....T..G..T.....G.....
 205008_2-11--.....T...C.A.....G.....G.....C.....G.....G.....
 205008_2-14--.....C.....A.....G.....G.T.....G.....T.G.....

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205008_2-4      .....--.....C...A.....G..A..G.....A.....T.....G.....
205008_1-3      .....--.....G.....A.....G.....A.A.....A.....G.....
205008_1-6      .....--.....G.....A.....G.....A.....A.....T.G.....
205008_2-12     .....--.....G.....A.....G.....A.....G.....
205008_2-9      .....--.....G.....AG.....A.....G.....
205008_2-7      .....--.....G.....A.C...A.T...A.....A.....G.....
205008_2-15     .....C--.....TC.....AA.....G.....A.....T.....G.....G.....GTG
205008_2-18     .....--.....A.C.G.....A.....A.....T.A.....T.....
205008_2-6      .....--.....C.....A.....G.....T.....-...A.....A..A..A
205008_2-16     .....--.....C.A.....G.....A.....T.....T.....G.....
205008_1-4      .....--.....G...C.A.....A.G...A...A...A...G...T.G...A..
205008_1-7      .....--.....G...C.A.....A.G...A...TA..G...C...G.....
205008_2-10     T.-.....--.....C.....A..G.G..G.....T.....C..CG.....
205008_2-13     .....--.....G...C.A.....G.G...A...A..G...G...CG.....
205008_2-2      ---...TG.....C.....T.....G.....T.....C.....
205008_2-3      ...A..-----A.....G.....TA.A...AAAA.-----A.G.....
CONSENSUS      GGgTGTG--GCTCgTaACACcTgATgACCAAACGgATCTACGgCaCCATCgAATCTCAAACtTtTAACTGccAAAAcTTtTgTtTTTCATCctgTAGTCcc
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205008_1-1      .....C--.....CT.....CA.....G.....
205008_1-2      ...T.....A.....C--...C.A.T.....C.....GA.....
205008_1-5      .....T...T.....G--...C...T.....C.....GA.....
205008_2-19     .....T--...T..C.....T.....C.A.....A..A.....
205008_2-17     .....C--T...T...T.....CA.....TG..TT.....
205008_2-8      .....G.....C--...T...C...T.A.....C...G.....G.....
205008_2-5      .....G...-..T.....C--...C...A..T.....T...G.....AG.....
205008_2-11     .....T.....C..T--...A...C.....C...G.....G.....T..
205008_2-14     .....T--...G...C.....A...A.....C.....G.....
205008_2-4      ...C.....GGA.....C.....TC.....C...T.....G...C.....
205008_1-3      .....GA.C--...G...C...G...A.....C...G..T.....A.....
205008_1-6      .....G...C--...C...C...A...A...A.....C..G..T.....A.....
205008_2-12     .....T--.....CT.....A...A...A.....C..G..T.....A.....A
205008_2-9      .....A.C--...CC...A...A.....CA.....T...A.....
205008_2-7      .....C--...C.....T.....T..C.....A.....
205008_2-15     .....AT.....C--...C.....C.....G...C.....
205008_2-18     .....C--...-AT.....A.....T.....G..G.....
205008_2-6      .....C.....G--...C...T...T.....C.....G...T.C...A
205008_2-16     .....A..G.....GTC.T...GG.T.-----C.....T.....T...C.A.....A.....
205008_1-4      .....G.....T..GC-...C...T...A.....C.....AG.....
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205008_1-7      .....G...G...-..GC-.....C.....T.....-----G.....
205008_2-10    .....C--.A...A.....G.AC...C.....G.....-..
205008_2-13    .....A.....C--...A...AT...C..C.....C.....T...G...G...-..
205008_2-2     ...-TT.....AA.....C--...AT.....T.G.....G..A.....-----
205008_2-3     .....T.....C--...CT.....T.....GA.....
CONSENSUS      TTTTAgAATTACTAAacgTCcTTTTTtggGc--CgAGATTTccAGGAAcgcTTTTcTcGGGgTTTGTGTGCacgTAtTtcAAATCATAcggACctaAAaAt
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		301	382	% identity with consensus
205008_1-1T.....C.....C.....C...CA.....T...C..C.....		378	(96%)
205008_1-2G.....T..C.....C.....C...--.....G..C..C.....		376	(96%)
205008_1-5	...G..G.....T..C.....C.....C...--..A.....C..C.....		376	(93%)
205008_2-19	.....T.....A.....C.....T...--A.....T..T.....T.....		376	(94%)
205008_2-17	.....T.....A.....T.....T...C...--.....C..C.....		376	(94%)
205008_2-8	.....T.....C.....G.....C...--.....C..C.....		378	(94%)
205008_2-5	.....T.....C..T..C.....C.A.--.....C..GA.....		375	(94%)
205008_2-11	.A...T.....C.....A.....C...--.....C..C.....		375	(95%)
205008_2-14	.....T.....C.....C.....C...--.....T...C..C.....A...T.....		375	(95%)
205008_2-4	....ATT.....C.....C..C.....G...--.....C..C.C.....G..		378	(94%)
205008_1-3	.....G.....C.....C.....T..TT--.....A..A..C.....		375	(93%)
205008_1-6	.....G...A..C.....C.....T...T--A.....A..C.....		376	(92%)
205008_2-12	.....G.....C.....C.....C...T--.....A..C.....		375	(95%)
205008_2-9	..--T.....C.....C.....C...T--.....A...CT..C.....T.....		374	(95%)
205008_2-7	.....T.....C.....C.....A..C...--.....T...C..C.....		375	(95%)
205008_2-15	.....T...T..G...C.....C...--.....C..C.....		375	(93%)
205008_2-18	.....T.....A.....C.....C...--.....TA...C.A.C...T.....		375	(94%)
205008_2-6	.....T.....C.....A.....C...--.....T...C..C.....		374	(93%)
205008_2-16	.....T.....C.....C.....C...--.....C...CA.....C...T.....		372	(93%)
205008_1-4	...T.T.....A.....CT.A.....AA..T.--.....T..C.A.T...T.....		377	(92%)
205008_1-7	...T.T.....A.....C.....T..AA..T.--.....C.A.T...T.....		367	(92%)
205008_2-10	.....T.CA...A.....C.....C...--..G.....-----G.....		363	(92%)
205008_2-13	.....C.....A.....T.....C...--..G...T...-----C..G.....		364	(92%)
205008_2-2	.G...T.....A.....C.A.....AC.A.--A..G..C.....C..CA...A.....		367	(90%)
205008_2-3	.....C.....C..C.....C.....C...--.....T...C..AT.....		359	(88%)
CONSENSUS	TAGAAGtCATTCcATcTTTATTcCCTAGAGCCTTccAGcA--gTTCCTAAAccGCTCcgTcggaGcACGTTATcaTTCTT		376	
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