

Table S1

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180K11	A	0.04±0.01 (10)	DE990033	DE990034
Cg0180A21	A	0.08±0.01 (10)	DE990323	DE990324
Cg0180C20	A	0.09±0.01 (10)	DE990295	DE990296
Cg0160A15	A	0.09±0.02 (10)	DE989638	DE989639
Cg0160A10	A	0.10±0.01 (10)	DE989524	not determined
Cg0160O11	A	0.11±0.01 (10)	not determined	not determined
Cg0180C21	A	0.12±0.01 (10)	DE990327	DE990328
Cg0160L03	A	0.13±0.01 (6)	DE989409	DE989410
Cg0180N08	A	0.14±0.02 (10)	DE989945	DE989946
Cg0180A20	A	0.14±0.01 (10)	DE990291	DE990292
Cg0160A01	A	0.14±0.01 (4)	DE989328	DE989329
Cg0160G10	A	0.16±0.02 (10)	DE989534	DE989535
Cg0180P03	A	0.16±0.01 (9)	DE989794	DE989795
Cg0180L21	A	0.17±0.02 (10)	DE990345	DE990346
Cg0160J11	A	0.18±0.01 (10)	DE989563	not determined
Cg0180O08	A	0.19±0.01 (10)	DE989947	DE989948
Cg0180B03	A	0.20±0.01 (10)	DE989767	DE989768
Cg0180B01	A	0.21±0.01 (10)	DE989705	DE989706
Cg0160B10	A	0.21±0.03 (5)	DE989525	DE989526
Cg0160G01	A	0.21±0.01 (5)	DE989338	DE989339
Cg0180K20	A	0.22±0.02 (10)	DE990311	DE990312
Cg0180N07	A	0.23±0.02 (10)	DE989913	DE989914
Cg0160E07	A	0.24±0.02 (5)	not determined	not determined
Cg0180N20	A	0.26±0.01 (10)	DE990317	DE990318
Cg0180E07	A	0.27±0.02 (10)	DE989896	DE989897
Cg0160G02	A	0.28±0.01 (2)	DE989367	DE989368
Cg0160B16	A	0.28±0.02 (5)	not determined	not determined
Cg0180H09	A	0.28±0.02 (10)	DE989964	DE989965
Cg0180I07	A	0.29±0.02 (10)	DE989904	DE989905
Cg0180E08	A	0.35±0.02 (10)	DE989927	DE989928
Cg0160E14	A	0.35±0.02 (10)	DE989623	no data
Cg0180N01	A	0.36±0.03 (10)	DE989729	DE989730
Cg0180I19	A	0.38±0.02 (10)	DE990276	DE990277
Cg0180A12	A	0.39±0.01 (10)	DE990045	DE990046
Cg0160M07	A	0.39±0.03 (10)	DE989516	DE989517
Cg0180J11	A	0.41±0.02 (10)	DE990031	DE990032
Cg0180B19	A	0.42±0.02 (10)	DE990262	DE990263
Cg0180J08	A	0.44±0.01 (10)	DE989937	DE989938
Cg0160F11	A	0.47±0.02 (10)	DE989559	not determined
Cg0160D12	A	0.48±0.01 (10)	not determined	not determined
Cg0180K03	A	0.48±0.01 (10)	DE989785	DE989786
Cg0180H10	A	0.48±0.01 (10)	not determined	DE989996
Cg0180E09	A	0.51±0.02 (10)	DE989959	DE989960
Cg0160J12	A	0.52±0.02 (10)	DE989583	DE989584
Cg0160F01	A	0.54±0.02 (5)	DE989336	DE989337
Cg0160L14	A	0.54±0.03 (10)	not determined	not determined
Cg0160C13	A	0.56±0.03 (10)	DE989596	DE989597
Cg0180F02	A	0.57±0.02 (10)	DE989745	DE989746
Cg0180B12	A	0.57±0.02 (10)	DE990047	DE990048
Cg0180J03	A	0.58±0.01 (10)	DE989783	DE989784
Cg0160D05	A	0.58±0.02 (10)	DE989455	DE989456
Cg0160B13	A	0.59±0.01 (10)	not determined	DE989595
Cg0180C07	A	0.61±0.03 (10)	DE989892	DE989893
Cg0180J10	A	0.61±0.02 (10)	DE989999	DE990000
Cg0180N10	A	0.61±0.02 (11)	DE990007	DE990008
Cg0160D13	A	0.65±0.03 (10)	DE989598	DE989599
Cg0160M03	A	0.66±0.01 (3)	DE989411	DE989412
Cg0160N02	A	0.66±0.02 (5)	DE989381	DE989382
Cg0180M19	A	0.67±0.02 (10)	DE990284	DE990285
Cg0180J20	A	0.67±0.02 (10)	DE990309	DE990310
Cg0180B07	A	0.71±0.02 (10)	DE989890	DE989891
Cg0180J07	A	0.73±0.01 (10)	DE989906	DE989907
Cg0180L01	A	0.76±0.02 (10)	DE989725	DE989726
Cg0180J06	A	0.79±0.02 (10)	DE989876	DE989877
Cg0180M05	A	0.80±0.03 (10)	DE989850	DE989851
Cg0180K10	A	0.81±0.01 (10)	DE990001	DE990002
Cg0180I10	A	0.81±0.02 (10)	DE989997	DE989998
Cg0160I06	A	0.81±0.01 (3)	DE989486	DE989487

Cg0160C11	A	0.84±0.02 (10)	DE989553	DE989554
Cg0160M14	A	0.85±0.02 (10)	DE989634	DE989635
Cg0160P04	A	0.85±0.01 (3)	DE989447	DE989448
Cg0160K10	A	0.86±0.04 (4)	not determined	DE989541
Cg0160H11	A	0.87±0.03 (10)	DE989561	not determined
Cg0180C06	A	0.87±0.02 (10)	DE989862	DE989863
Cg0160C07	A	0.88±0.02 (5)	DE989502	not determined
Cg0180L09	A	0.89±0.01 (10)	DE989972	DE989973
Cg0180D03	A	0.91±0.02 (10)	DE989771	DE989772
Cg0160C02	A	0.92±0.01 (2)	DE989359	DE989360
Cg0180L05	A	0.94±0.01 (10)	DE989848	DE989849
Cg0180M09	A	0.94±0.02 (10)	DE989974	DE989975
Cg0180F21	A	0.94±0.02 (10)	DE990333	DE990334
Cg0160M11	A	0.95±0.02 (10)	not determined	not determined
Cg0180P09	A	0.97±0.01 (10)	DE989980	DE989981

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180K11	B	0.04±0.01 (10)	DE990033	DE990034
Cg0180A21	B	0.09±0.01 (10)	DE990323	DE990324
Cg0180C20	B	0.09±0.01 (10)	DE990295	DE990296
Cg0160A15	B	0.09±0.02 (10)	DE989638	DE989639
Cg0160A10	B	0.11±0.02 (10)	DE989524	not determined
Cg0160O11	B	0.11±0.02 (10)	not determined	not determined
Cg0160A01	B	0.11±0.01 (4)	DE989328	DE989329
Cg0180C21	B	0.12±0.01 (10)	DE990327	DE990328
Cg0160L03	B	0.13±0.01 (6)	DE989409	DE989410
Cg0180N08	B	0.14±0.02 (10)	DE989945	DE989946
Cg0180A20	B	0.15±0.01 (10)	DE990291	DE990292
Cg0180P03	B	0.16±0.02 (9)	DE989794	DE989795
Cg0160J11	B	0.17±0.01 (10)	DE989563	not determined
Cg0180L21	B	0.18±0.01 (10)	DE990345	DE990346
Cg0160G10	B	0.19±0.03 (10)	DE989534	DE989535
Cg0180O08	B	0.19±0.02 (10)	DE989947	DE989948
Cg0160B10	B	0.21±0.01 (5)	DE989525	DE989526
Cg0180B03	B	0.22±0.01 (10)	DE989767	DE989768
Cg0180B01	B	0.22±0.02 (10)	DE989705	DE989706
Cg0180K20	B	0.23±0.02 (10)	DE990311	DE990312
Cg0180N07	B	0.23±0.03 (10)	DE989913	DE989914
Cg0160E07	B	0.24±0.01 (5)	not determined	not determined
Cg0160G02	B	0.25±0.05 (2)	DE989367	DE989368
Cg0180N20	B	0.26±0.02 (10)	DE990317	DE990318
Cg0160G01	B	0.27±0.01 (5)	DE989338	DE989339
Cg0180E07	B	0.27±0.02 (10)	DE989896	DE989897
Cg0160B16	B	0.27±0.01 (5)	not determined	not determined
Cg0180H09	B	0.29±0.02 (10)	DE989964	DE989965
Cg0180I07	B	0.28±0.03 (10)	DE989904	DE989905
Cg0180E08	B	0.35±0.02 (10)	DE989927	DE989928
Cg0160E14	B	0.35±0.02 (10)	DE989623	not determined
Cg0180N01	B	0.36±0.03 (10)	DE989729	DE989730
Cg0180I19	B	0.39±0.01 (10)	DE990276	DE990277
Cg0180A12	B	0.39±0.03 (10)	DE990045	DE990046
Cg0160M07	B	0.38±0.02 (10)	DE989516	DE989517
Cg0180J11	B	0.41±0.02 (10)	DE990031	DE990032
Cg0180B19	B	0.41±0.02 (10)	DE990262	DE990263
Cg0180J08	B	0.42±0.02 (10)	DE989937	DE989938
Cg0160F11	B	0.46±0.01 (10)	DE989559	not determined
Cg0160D12	B	0.48±0.01 (10)	not determined	not determined
Cg0180K03	B	0.48±0.01 (10)	DE989785	DE989786
Cg0180H10	B	0.48±0.01 (10)	not determined	DE989996
Cg0180E09	B	0.51±0.02 (10)	DE989959	DE989960
Cg0160J12	B	0.52±0.04 (10)	DE989583	DE989584
Cg0160F01	B	0.52±0.02 (5)	DE989336	DE989337
Cg0160L14	B	0.55±0.04 (10)	not determined	not determined
Cg0160C13	B	0.55±0.03 (10)	DE989596	DE989597
Cg0180F02	B	0.56±0.02 (10)	DE989745	DE989746
Cg0180B12	B	0.57±0.01 (10)	DE990047	DE990048
Cg0180J03	B	0.57±0.01 (10)	DE989783	DE989784
Cg0160D05	B	0.59±0.03 (10)	DE989455	DE989456
Cg0160B13	B	0.60±0.02 (10)	not determined	989595
Cg0180C07	B	0.61±0.02 (10)	DE989892	DE989893

Cg0180J10	B	0.61±0.03 (10)	DE989999	DE990000
Cg0180N10	B	0.61±0.03 (11)	DE990007	DE990008
Cg0180M19	B	0.65±0.01 (10)	DE990284	DE990285
Cg0160M03	B	0.66±0.01 (3)	DE989411	DE989412
Cg0160N02	B	0.67±0.01 (5)	DE989381	DE989382
Cg0160D13	B	0.68±0.03 (10)	DE989598	DE989599
Cg0180J20	B	0.69±0.02 (10)	DE990309	DE990310
Cg0180B07	B	0.70±0.02 (10)	DE989890	DE989891
Cg0180J07	B	0.73±0.01 (10)	DE989906	DE989907
Cg0160I06	B	0.78±0.02 (3)	DE989486	DE989487
Cg0180L01	B	0.79±0.04 (10)	DE989725	DE989726
Cg0180J06	B	0.79±0.03 (10)	DE989876	DE989877
Cg0180M05	B	0.80±0.03 (10)	DE989850	DE989851
Cg0180K10	B	0.81±0.02 (10)	DE990001	DE990002
Cg0180I10	B	0.81±0.02 (10)	DE989997	DE989998
Cg0160P04	B	0.83±0.01 (3)	DE989447	DE989448
Cg0160C11	B	0.84±0.04 (10)	DE989553	DE989554
Cg0160M14	B	0.84±0.02 (10)	DE989634	DE989635
Cg0160H11	B	0.85±0.01 (10)	DE989561	not determined
Cg0180C06	B	0.87±0.02 (10)	DE989862	DE989863
Cg0160C07	B	0.85±0.02 (5)	DE989502	not determined
Cg0180L09	B	0.89±0.03 (10)	DE989972	DE989973
Cg0160K10	B	0.92±0.04 (4)	not determined	DE989541
Cg0180D03	B	0.92±0.02 (10)	DE989771	DE989772
Cg0180F21	B	0.93±0.02 (10)	DE990333	DE990334
Cg0160C02	B	0.94±0.02 (2)	DE989359	DE989360
Cg0180L05	B	0.94±0.01 (10)	DE989848	DE989849
Cg0180M09	B	0.94±0.02 (10)	DE989974	DE989975
Cg0160M11	B	0.95±0.02 (10)	not determined	not determined
Cg0180P09	B	0.96±0.03 (10)	DE989980	DE989981

BAC number	Chromosome	Position (FLp _{ter} value)	forward DDBJ number	reverse DDBJ number
Cg0180A08	C	0.04±0.01 (10)	DE989919	DE989920
Cg0180F03	C	0.07±0.01 (10)	DE989775	DE989776
Cg0160F14	C	0.07±0.02 (8)	DE989624	DE989625
Cg0180G06	C	0.07±0.02 (10)	DE989870	DE989871
Cg0160I12	C	0.09±0.01 (10)	DE989581	DE989582
Cg0180C19	C	0.10±0.02 (10)	DE990264	DE990265
Cg0160A03	C	0.12±0.005 (3)	DE989387	DE989388
Cg0180O09	C	0.13±0.02 (10)	DE989978	DE989979
Cg0180O19	C	0.15±0.02 (10)	DE990287	DE990288
Cg0160A11	C	0.16±0.03 (10)	DE989549	DE989550
Cg0180G07	C	0.17±0.02 (10)	DE989900	DE989901
Cg0180D19	C	0.17±0.02 (10)	DE990266	DE990267
Cg0180J21	C	0.17±0.02 (10)	DE990341	DE990342
Cg0160J03	C	0.18±0.01 (3)	DE989405	DE989406
Cg0180F20	C	0.20±0.02 (10)	DE990301	DE990302
Cg0160P06	C	0.21±0.02 (3)	DE989496	DE989497
Cg0180G11	C	0.22±0.03 (5)	DE990025	DE990026
Cg0180B05	C	0.24±0.01 (10)	DE989830	DE989831
Cg0160B05	C	0.24±0.03 (10)	DE989451	DE989452
Cg0180D06	C	0.26±0.02 (10)	DE989864	DE989865
Cg0180B21	C	0.27±0.01 (10)	DE990325	DE990326
Cg0160M06	C	0.28±0.03 (5)	DE989492	DE989493
Cg0160B11	C	0.29±0.02 (10)	DE989551	DE989552
Cg0180O05	C	0.29±0.02 (10)	DE989854	DE989855
Cg0180F12	C	0.30±0.02 (10)	DE990053	not determined
Cg0180J01	C	0.30±0.03 (10)	DE989721	DE989722
Cg0160B03	C	0.33±0.01 (2)	DE989389	DE989390
Cg0180A02	C	0.37±0.02 (10)	DE989735	DE989736
Cg0160H03	C	0.40±0.03 (5)	DE989401	DE989402
Cg0180O10	C	0.40±0.02 (6)	DE990009	DE990010
Cg0180B02	C	0.40±0.01 (10)	DE989737	DE989738
Cg0160L02	C	0.41±0.01 (2)	DE989377	DE989378
Cg0160I11	C	0.43±0.02 (10)	DE989562	not determined
Cg0180D21	C	0.48±0.01 (10)	DE990329	DE990330
Cg0180N21	C	0.53±0.03 (10)	DE990349	DE990350
Cg0160G06	C	0.59±0.01 (2)	DE989482	DE989483
Cg0180J09	C	0.64±0.02 (10)	DE989968	DE989969
Cg0180D10	C	0.66±0.03 (10)	DE989988	DE989989

Cg0160E10	C	0.71±0.03 (10)	DE989530	DE989531
Cg0180C02	C	0.73±0.02 (10)	DE989739	DE989740
Cg0160F05	C	0.82±0.02 (10)	DE989459	DE989460
Cg0180O21	C	0.82±0.03 (10)	DE990351	DE990352
Cg0180N19	C	0.84±0.03 (10)	DE990286	not determined
Cg0180I11	C	0.88±0.02 (10)	DE990029	DE990030
Cg0180E10	C	0.89±0.03 (10)	DE989990	DE989991
Cg0180D01	C	0.90±0.01(10)	DE989709	DE989710
Cg0160K13	C	0.92±0.02 (10)	not determined	DE989608
Cg0180D08	C	0.92±0.02 (10)	DE989925	DE989926
Cg0160N11	C	0.94±0.02 (9)	not determined	DE989566
Cg0180C01	C	.094±0.02 (10)	DE989707	DE989708
Cg0160B14	C	0.95±0.03 (10)	DE989617	DE989618
Cg0180H21	C	0.95±0.01 (10)	DE990337	DE990338

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0160B14	D	0.07±0.02 (10)	DE989617	DE989618
Cg0180C01	D	0.08±0.02 (10)	DE989707	DE989708
Cg0180H21	D	0.08±0.02 (10)	DE990337	DE990338
Cg0160N11	D	0.09±0.02 (9)	not determined	DE989566
Cg0160K13	D	0.10±0.02 (10)	not determined	DE989608
Cg0180D08	D	0.11±0.02 (10)	DE989925	DE989926
Cg0180D01	D	0.14±0.02 (10)	DE989709	DE989710
Cg0180E10	D	0.15±0.02 (10)	DE989990	DE989991
Cg0180I11	D	0.18±0.03 (10)	DE990029	DE990030
Cg0180O21	D	0.21±0.03 (10)	DE990351	DE990352
Cg0160F05	D	0.24±0.03 (10)	DE989459	DE989460
Cg0180N19	D	0.24±0.04 (10)	DE990286	not determined
Cg0180D21	D	0.31±0.01 (10)	DE990329	DE990330
Cg0160H03	D	0.40±0.04 (5)	DE989401	DE989402
Cg0160L02	D	0.41±0.02 (2)	DE989377	DE989378
Cg0160I11	D	0.42±0.01 (10)	DE989562	not determined
Cg0180B02	D	0.42±0.02 (10)	DE989737	DE989738
Cg0180O10	D	0.43±0.02 (6)	DE990009	DE990010
Cg0180A02	D	0.49±0.03 (10)	DE989735	DE989736
Cg0160B03	D	0.51±0.03 (2)	DE989389	DE989390
Cg0180O03	D	0.54±0.04 (10)	DE989792	DE989793
Cg0180F07	D	0.54±0.02 (10)	DE989898	DE989899
Cg0180J01	D	0.60±0.03 (10)	DE989721	DE989722
Cg0338P23	D	0.61±0.03 (10)	not registered	not registered
Cg0148O04	D	0.61±0.03 (11)	not registered	not registered
Cg0180O05	D	0.63±0.03 (10)	DE989854	DE989855
Cg0160B11	D	0.64±0.03 (10)	DE989551	DE989552
Cg0180F12	D	0.65±0.05 (10)	DE990053	not determined
Cg0180B21	D	0.65±0.03 (10)	DE990325	DE990326
Cg0160M06	D	0.67±0.03 (5)	DE989492	DE989493
Cg0180D06	D	0.67±0.03 (10)	DE989864	DE989865
Cg0180B05	D	0.69±0.03 (10)	DE989830	DE989831
Cg0160B05	D	0.72±0.03 (10)	DE989451	DE989452
Cg0180G11	D	0.74±0.03 (5)	DE990025	DE990026
Cg0180G07	D	0.75±0.02 (10)	DE989900	DE989901
Cg0180F20	D	0.75±0.03 (10)	DE990301	DE990302
Cg0180D19	D	0.77±0.03 (10)	DE990266	DE990267
Cg0180J21	D	0.77±0.01 (10)	DE990341	DE990342
Cg0160A03	D	0.78±0.02 (3)	DE989387	DE989388
Cg0160A11	D	0.78±0.02 (10)	DE989549	DE989550
Cg0160J03	D	0.79±0.02 (3)	DE989405	DE989406
Cg0180O09	D	0.82±0.03 (10)	DE989978	DE989979
Cg0180O19	D	0.83±0.04 (10)	DE990287	DE990288
Cg0160P06	D	0.85±0.02 (3)	DE989496	DE989497
Cg0180C19	D	0.87±0.04 (10)	DE990264	DE990265
Cg0160I12	D	0.90±0.02 (10)	DE989581	DE989582
Cg0160F14	D	0.90±0.01 (8)	DE989624	DE989625
Cg0180G06	D	0.90±0.02 (10)	DE989870	DE989871
Cg0180F03	D	0.91±0.02 (10)	DE989775	DE989776
Cg0180A08	D	0.96±0.01 (10)	DE989919	DE989920

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180H20	E	0.11±0.02 (10)	DE990305	DE990306
Cg0180A05	E	0.12±0.02 (10)	DE989828	DE989829

Cg0180G05	E	0.15±0.03 (10)	DE989838	DE989839
Cg0180F10	E	0.23±0.02 (5)	DE989992	DE989993
Cg0160G03	E	0.23±0.04 (10)	DE989399	DE989400
Cg0160O07	E	0.23±0.03 (10)	DE989520	DE989521
Cg0160C06	E	0.26±0.02 (2)	not determined	DE989478
Cg0180N05	E	0.26±0.02 (10)	DE989852	DE989853
Cg0180F08	E	0.35±0.02 (10)	DE989929	DE989930
Cg0180P05	E	0.38±0.02 (10)	DE989856	DE989857
Cg0180C03	E	0.39±0.02 (10)	DE989769	DE989770
Cg0160D04	E	0.40±0.02 (6)	DE989424	DE989425
Cg0180K19	E	0.41±0.01 (10)	DE990280	DE990281
Cg0180E19	E	centromere painting	DE990268	DE990269
Cg0160D11	E	0.54±0.02 (10)	DE989555	DE989556
Cg0160I10	E	0.58±0.03 (8)	DE989538	not determined
Cg0180H07	E	0.62±0.04 (10)	DE989902	DE989903
Cg0180J02	E	0.63±0.03 (10)	DE989751	DE989752
Cg0160F03	E	0.63±0.04 (10)	DE989397	DE989398
Cg0180B20	E	0.69±0.02 (10)	DE990293	DE990294
Cg0180E01	E	0.86±0.03 (10)	DE989711	DE989712
Cg0160P12	E	0.86±0.03 (10)	DE989592	DE989593
Cg0160C03	E	0.88±0.02 (3)	DE989391	DE989392
Cg0160C12	E	0.89±0.03 (10)	DE989572	DE989573
Cg0160E05	E	0.89±0.01 (3)	DE989457	DE989458
Cg0180M01	E	0.91±0.02 (10)	DE989727	DE989728
Cg0180I06	E	0.95±0.02 (10)	DE989874	DE989875
Cg0180F01	E	0.96±0.02 (10)	DE989713	DE989714

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180I06	F	0.05±0.01 (10)	DE989874	DE989875
Cg0180F01	F	0.06±0.02 (10)	DE989713	DE989714
Cg0180M01	F	0.09±0.03 (10)	DE989727	DE989728
Cg0160C12	F	0.14±0.03 (10)	DE989572	DE989573
Cg0160C03	F	0.19±0.02 (3)	DE989391	DE989392
Cg0160E05	F	0.19±0.03 (3)	DE989457	DE989458
Cg0180E01	F	0.21±0.03 (10)	DE989711	DE989712
Cg0160P12	F	0.22±0.03 (10)	DE989592	DE989593
Cg0180B20	F	0.36±0.03 (10)	DE990293	DE990294
Cg0160F03	F	0.44±0.03 (10)	DE989397	DE989398
Cg0180E19	F	centromere painting	DE990268	DE990269
Cg0180A20	F	0.56±0.02 (10)	DE990291	DE990292
Cg0160J10	F	0.59±0.05 (5)	DE989539	DE989540
Cg0160K14	F	0.59±0.04 (10)	DE989632	DE989633
Cg0180N03	F	0.59±0.04 (10)	not determined	DE989791
Cg0180I01	F	0.60±0.03 (10)	DE989719	DE989720
Cg0180L06	F	0.61±0.03 (10)	DE989880	DE989881
Cg0160K02	F	0.62±0.02 (4)	DE989375	DE989376
Cg0180A06	F	0.67±0.03 (10)	DE989858	DE989859
Cg0180G19	F	0.71±0.04 (10)	DE990272	DE990273
Cg0180A06	F	0.73±0.03 (10)	DE989858	DE989859
Cg0180A03	F	0.77±0.02 (10)	DE989765	DE989766
Cg0180G01	F	0.78±0.04 (10)	DE989715	DE989716
Cg0160A04	F	0.82±0.03 (5)	DE989419	DE989420
Cg0160A05	F	0.82±0.01 (3)	DE989449	DE989450
Cg0180E06	F	0.82±0.03 (10)	DE989866	DE989867
Cg0180A10	F	0.88±0.03 (10)	DE989982	DE989983
Cg0160N03	F	0.92±0.01 (4)	DE989413	DE989414
Cg0180N11	F	0.94±0.02 (10)	DE990039	DE990040
Cg0180G12	F	0.94±0.02 (4)	DE990054	DE990055
Cg0160B06	F	0.95±0.03 (3)	DE989477	not determined
Cg0160H04	F	0.96±0.02 (4)	DE989432	not determined

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0160M12	G	0.09±0.02 (10)	DE989587	DE989588
Cg0180A19	G	0.09±0.02 (10)	DE990260	DE990261
Cg0180L10	G	0.11±0.02 (10)	DE990003	DE990004
Cg0180E19	G	centromere painting	DE990268	DE990269
Cg0160D11	G	0.25±0.04 (10)	DE989555	DE989556
Cg0180H07	G	0.25±0.03 (10)	DE989902	DE989903
Cg0160I10	G	0.27±0.02 (8)	DE989538	not determined
Cg0180J02	G	0.32±0.02 (10)	DE989751	DE989752

Cg0180E20	G	0.33±0.04 (9)	DE990299	DE990300
Cg0180I03	G	0.34±0.02 (10)	DE989781	DE989782
Cg0160H14	G	0.50±0.05 (9)	not determined	not determined
Cg0180D11	G	0.51±0.03 (10)	DE990019	DE990020
Cg0180D09	G	0.54±0.03 (10)	DE989957	DE989958
Cg0160M10	G	0.55±0.05 (7)	not determined	DE989544
Cg0180C10	G	0.61±0.03 (10)	DE989986	DE989987
Cg0160I04	G	0.63±0.02 (7)	DE989433	DE989434
Cg0180J19	G	0.69±0.02 (10)	DE990278	DE990279
Cg0180L03	G	0.70±0.02 (7)	DE989787	DE989788
Cg0160F10	G	0.74±0.05 (5)	DE989532	DE989533
Cg0180H19	G	0.80±0.03 (10)	DE990274	DE990275
Cg1001A11	G	0.80±0.03 (11)	no registered	no registered
Cg0180K21	G	0.82±0.03 (10)	DE990343	DE990344
Cg0180K08	G	0.86±0.03 (10)	DE989939	DE989940
Cg0160L12	G	0.86±0.03 (10)	DE989585	DE989586
Cg0180L20	G	0.86±0.03 (10)	DE990313	DE990314
Cg0180C11	G	0.87±0.02 (10)	DE990017	DE990018
Cg0180F05	G	0.89±0.03 (10)	DE989836	DE989837
Cg0180B06	G	0.92±0.02 (10)	DE989860	DE989861
Cg0160H07	G	0.93±0.03 (10)	DE989507	DE989508

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0160D07	H	0.23±0.02 (10)	DE989503	DE989504
Cg0180O20	H	0.24±0.04 (10)	DE990319	DE990320
Cg0160A14	H	0.25±0.03 (9)	not determined	DE989616
Cg0180I20	H	0.27±0.03 (10)	DE990307	DE990308
Cg0160P02	H	0.33±0.03 (4)	DE989385	DE989386
Cg0160E02	H	0.35±0.02 (4)	DE989363	DE989364
Cg0180M21	H	0.36±0.02 (10)	DE990347	DE990348
Cg0180E19	H	centromere painting	DE990268	DE990269
Cg0160D03	H	0.42±0.03 (10)	DE989393	DE989394
Cg0160M02	H	0.43±0.02 (5)	DE989379	DE989380
Cg0160K03	H	0.48±0.03 (6)	DE989407	DE989408
Cg0180E03	H	0.46±0.03 (10)	DE989773	DE989774
Cg0160E02	H	0.48±0.02 (4)	DE989363	DE989364
Cg0160K11	H	0.52±0.05 (10)	not determined	not determined
Cg0180C08	H	0.58±0.03 (9)	DE989923	DE989924
Cg0160O02	H	0.60±0.03 (4)	DE989383	DE989384
Cg0180P01	H	0.62±0.05 (10)	DE989733	DE989734
Cg0160E03	H	0.65±0.04 (2)	DE989395	DE989396
Cg0160O12	H	0.66±0.06 (10)	DE989590	DE989591
Cg0180D20	H	0.66±0.04 (10)	DE990297	DE990298
Cg0160C14	H	0.70±0.05 (10)	DE989619	DE989620
Cg0160A07	H	0.70±0.03 (5)	DE989498	DE989499
Cg0160H05	H	0.73±0.03 (4)	DE989463	DE989464
Cg0180K06	H	0.74±0.03 (10)	DE989878	DE989879
Cg0160E01	H	0.77±0.04 (3)	DE989334	DE989335
Cg0160A12	H	0.81±0.05 (10)	DE989568	DE989569
Cg0160F16	H	0.81±0.05 (6)	not determined	not determined
Cg0160M04	H	0.82±0.03 (6)	DE989441	DE989442
Cg0180E05	H	0.82±0.03 (10)	DE989834	DE989835
Cg0160P03	H	0.88±0.02 (7)	DE989417	DE989418
Cg0160D02	H	0.89±0.04 (4)	DE989361	DE989362
Cg0160D10	H	0.93±0.02 (10)	DE989528	DE989529
Cg0160F07	H	0.93±0.04 (5)	DE989505	DE989506
Cg0180H05	H	0.97±0.01 (10)	DE989840	DE989841

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180E19	I	centromere painting	DE990268	DE990269
Cg1001A14	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	not determined	not determined
Cg0180L02	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE989755	DE989756
Cg0180L07	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE989910	not determined
Cg0180A07	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE989888	DE989889
Cg0180B10	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE989984	DE989985

Cg0180P10	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE990011	DE990012
Cg0180D05	I	0.33±0.03 (5), 0.68±0.05 (5), 0.84±0.04 (5)	DE989832	DE989833

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0160D14	J	0 to 0.13±0.02 (10)	DE989621	DE989622
Cg0160B12	J	painting (0.20 to 0.46±0.02 (10))	DE989570	DE989571
Cg0160H01	J	painting (0.20 to 0.46±0.02 (10))	DE989340	DE989341
Cg0180H06	J	painting (0.20 to 0.46±0.02 (10))	DE989872	DE989873
Cg0180H08	J	painting (0.20 to 0.46±0.02 (10))	DE989933	DE989934
Cg0180I08	J	painting (0.20 to 0.46±0.02 (10))	DE989935	DE989936
Cg0180A09	J	painting (0.20 to 0.46±0.02 (10))	DE989951	DE989952
Cg1001A17	J	painting (0.20 to 0.46±0.02 (10))	not registered	not registered
Cg0160K03	J	0.40±0.03 (6)	DE989407	DE989408
Cg0180E03	J	0.40±0.03 (10)	DE989773	DE989774
Cg0160K11	J	0.40±0.03 (10)	not determined	not determined
Cg0160M02	J	0.43±0.02 (5)	DE989379	DE989380
Cg0160E02	J	0.44±0.03 (4)	DE989363	DE989364
Cg0160N04	J	0.46±0.02 (10)	DE989443	DE989444
Cg0180E19	J	centromere painting	DE990268	DE990269
Cg0160B12	J	painting 0.61 to 0.70±0.02 (10)	DE989570	DE989571
Cg0160H01	J	painting 0.61 to 0.70±0.02 (10)	DE989340	DE989341
Cg0180H06	J	painting 0.61 to 0.70±0.02 (10)	DE989872	DE989873
Cg0180H08	J	painting 0.61 to 0.70±0.02 (10)	DE989933	DE989934
Cg0180I08	J	painting 0.61 to 0.70±0.02 (10)	DE989935	DE989936
Cg0180A09	J	painting 0.61 to 0.70±0.02 (10)	DE989951	DE989952
Cg1001A17	J	painting 0.61 to 0.70±0.02 (10)	not registered	not registered
Cg0180C08	J	0.66±0.03 (9)	DE989923	DE989924
Cg0160O02	J	0.68±0.03 (4)	DE989383	DE989384
Cg0160E03	J	0.70±0.02 (2)	DE989395	DE989396
Cg0180P01	J	0.71±0.04 (10)	DE989733	DE989734
Cg0180D20	J	0.74±0.03 (10)	DE990297	DE990298
Cg0160C14	J	0.74±0.04 (10)	DE989619	DE989620
Cg0160A07	J	0.75±0.04 (5)	DE989498	DE989499
Cg0160H05	J	0.76±0.03 (4)	DE989463	DE989464
Cg0160O12	J	0.78±0.05 (10)	DE989590	DE989591
Cg0180K06	J	0.81±0.02 (10)	DE989878	DE989879
Cg0160A12	J	0.84±0.03 (10)	DE989568	DE989569
Cg0160F16	J	0.85±0.03 (6)	not determined	not determined
Cg0160M04	J	0.86±0.04 (6)	DE989441	DE989442
Cg0180E05	J	0.86±0.03 (10)	DE989834	DE989835
Cg0160E01	J	0.87±0.02 (3)	DE989334	DE989335
Cg0160P03	J	0.91±0.03 (7)	DE989417	DE989418
Cg0160D10	J	0.92±0.02 (10)	DE989528	DE989529
Cg0160D02	J	0.93±0.04 (4)	DE989361	DE989362
Cg0160F07	J	0.95±0.01 (5)	DE989505	DE989506
Cg0180H05	J	0.98±0.01 (10)	DE989840	DE989841
BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180E19	K	terminal painting	DE990268	DE990269
Cg0180B08	K	0.06±0.01 (10)	DE989921	DE989922
Cg0180A08	K	0.06±0.01 (10)	DE989919	DE989920
Cg0180E02	K	0.07±0.02 (10)	DE989743	DE989744
Cg0180I21	K	0.09±0.02 (10)	DE990339	DE990340
Cg0160O03	K	0.10±0.04 (10)	DE989415	DE989416

Cg0180E11	K	0.11±0.03 (10)	DE990021	DE990022
Cg0160O10	K	0.15±0.02 (5)	DE989547	DE989548
Cg0180G20	K	0.16±0.02 (10)	DE990303	DE990304
Cg0180M20	K	0.25±0.03 (10)	DE990315	DE990316
Cg0180E19	K	centromere painting	DE990268	DE990269
Cg0180D09	K	0.40±0.02 (10)	DE989957	DE989958
Cg0180D11	K	0.41±0.03 (10)	DE990019	DE990020
Cg0160M10	K	0.44±0.04 (7)	not determined	DE989544
Cg0180C10	K	0.50±0.02 (10)	DE989986	DE989987
Cg0160I04	K	0.55±0.03 (7)	DE989433	DE989434
Cg0180J19	K	0.59±0.03 (10)	DE990278	DE990279
Cg0180L03	K	0.60±0.04 (7)	DE989787	DE989788
Cg0160F10	K	0.72±0.02 (5)	DE989532	DE989533
Cg1001A11	K	0.74±0.02 (11)	not registered	not registered
Cg0180K21	K	0.75±0.04 (10)	DE990343	DE990344
Cg0180H19	K	0.77±0.03 (10)	DE990274	DE990275
Cg0180K08	K	0.79±0.04 (10)	DE989939	DE989940
Cg0160L12	K	0.81±0.03 (10)	DE989585	DE989586
Cg0180L20	K	0.83±0.02 (10)	DE990313	DE990314
Cg0160H07	K	0.83±0.04 (10)	DE989507	DE989508
Cg0180C11	K	0.83±0.03 (10)	DE990017	DE990018
Cg0180F05	K	0.85±0.03 (10)	DE989836	DE989837
Cg0180B06	K	0.88±0.03 (10)	DE989860	DE989861

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180P07	L	0.01±0.01 (10)	DE989917	DE989918
Cg0160O14	L	0.03±0.01 (10)	DE989636	not determined
Cg0160J02	L	0.12±0.02 (10)	DE989373	DE989374
Cg0180E19	L	centromere painting	DE990268	DE990269
Cg0180L06	L	0.23±0.02 (10)	DE989880	DE989881
Cg0160K14	L	0.27±0.03 (10)	DE989632	DE989633
Cg0180P07	L	0.28±0.03 (10)	DE989917	DE989918
Cg0160F12	L	0.37±0.05 (10)	DE989575	DE989576
Cg0160G04	L	0.44±0.04 (10)	DE989430	DE989431
Cg0160H10	L	0.51±0.04 (10)	DE989536	DE989537
Cg0160N12	L	0.58±0.04 (6)	not determined	DE989589
Cg0180H11	L	0.69±0.02 (5)	DE990027	DE990028
Cg0160B07	L	0.78±0.03 (5)	DE989500	DE989501
Cg0180L08	L	0.82±0.04 (10)	DE989941	DE989942
Cg0180G10	L	0.82±0.04 (5)	DE989994	DE989995
Cg0180M07	L	0.91±0.03 (10)	DE989911	DE989912
Cg0180P06	L	0.94±0.02 (10)	DE989886	DE989887

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180A19	M	0.10±0.04 (9)	DE990260	DE990261
Cg0180L10	M	0.12±0.04 (10)	DE990003	DE990004
Cg0160G04	M	0.12±0.03 (10)	DE989430	DE989431
Cg0160M12	M	0.14±0.04 (10)	DE989587	DE989588
Cg0160H14	M	0.20±0.04 (9)	not determined	not determined
Cg0180I03	M	0.29±0.03 (10)	DE989781	DE989782
Cg0180E20	M	0.36±0.03 (9)	DE990299	DE990300
Cg0180E19	M	centromere painting	DE990268	DE990269
Cg0160K02	M	0.53±0.04 (4)	DE989375	DE989376
Cg0180I01	M	0.59±0.05 (10)	DE989719	DE989720
Cg0180L06	M	0.60±0.04 (10)	DE989880	DE989881
Cg0160K14	M	0.61±0.05 (10)	DE989632	DE989633
Cg0180N03	M	0.62±0.04 (10)	not determined	DE989791
Cg0160J10	M	0.63±0.05 (5)	DE989539	DE989540
Cg0180A20	M	0.63±0.05 (10)	DE990291	DE990292
Cg0180G19	M	0.66±0.03 (10)	DE990272	DE990273
Cg0180A06	M	0.68±0.03 (10)	DE989858	DE989859
Cg0180A03	M	0.75±0.03 (10)	DE989765	DE989766
Cg0180G01	M	0.76±0.03 (10)	DE989715	DE989716
Cg0180E06	M	0.79±0.03 (10)	DE989866	DE989867
Cg0160A04	M	0.82±0.02 (5)	DE989419	DE989420
Cg0160A05	M	0.83±0.03 (3)	DE989449	DE989450
Cg0180A10	M	0.87±0.03 (10)	DE989982	DE989983
Cg0160N03	M	0.92±0.02 (4)	DE989413	DE989414
Cg0180N11	M	0.93±0.02 (10)	DE990039	DE990040
Cg0160B06	M	0.94±0.01 (3)	DE989477	not determined

Cg0180G12	M	0.96±0.01 (4)	DE990054	DE990055
Cg0160H04	M	0.96±0.02 (4)	DE989432	not determined
Cg0180P07	M	0.96±0.02 (10)	DE989917	DE989918

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180P07	N	0.01±0.01 (10)	DE989917	DE989918
Cg0160O14	N	0.03±0.01 (10)	DE989636	not determined
Cg0180E19	N	centromere painting	DE990268	DE990269
Cg0180L06	N	0.18±0.02 (10)	DE989880	DE989881
Cg0160K14	N	0.26±0.03 (10)	DE989632	DE989633
Cg0180P07	N	0.27±0.04 (10)	DE989917	DE989918
Cg0160F12	N	0.37±0.06 (10)	DE989575	DE989576
Cg0160G04	N	0.42±0.03 (10)	DE989430	DE989431
Cg0160H10	N	0.49±0.07 (10)	DE989536	DE989537
Cg0160N12	N	0.54±0.06 (6)	not determined	DE989589
Cg0180H11	N	0.71±0.04 (5)	DE990027	DE990028
Cg0160B07	N	0.71±0.03 (5)	DE989500	DE989501
Cg0180L08	N	0.83±0.03 (10)	DE989941	DE989942
Cg0180G10	N	0.81±0.04 (5)	DE989994	DE989995
Cg0180M07	N	0.93±0.02 (10)	DE989911	DE989912
Cg0180P06	N	0.95±0.03 (10)	DE989886	DE989887

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0109D01	O	terminal painting	not registered	not registered
Cg0180L11	O	terminal painting	DE990035	DE990036
Cg0180E12	O	terminal painting	DE990051	DE990052
Cg0180L19	O	terminal painting	DE990282	DE990283
Cg0180I09	O	terminal painting	DE989966	DE989967
Cg0180E19	O	centromere painting	DE990268	DE990269
Cg0180I20	O	0.25±0.03 (10)	DE990307	DE990308
Cg0160A14	O	0.27±0.02 (9)	not determined	DE989616
Cg0180Q20	O	0.31±0.04 (10)	DE990319	DE990320
Cg0160P02	O	0.46±0.05 (4)	DE989385	DE989386
Cg0160D07	O	0.53±0.04 (10)	DE989503	DE989504
Cg0160F06	O	0.61±0.02 (4)	DE989480	DE989481
Cg0180M21	O	0.61±0.02 (10)	DE990347	DE990348
Cg0160D03	O	0.65±0.06 (10)	DE989393	DE989394
Cg0160M01	O	0.68±0.04 (5)	DE989349	DE989350
Cg0160H02	O	0.75±0.06 (4)	DE989369	DE989370
Cg0180G08	O	0.77±0.04 (10)	DE989931	DE989932
Cg0031N14	O	0.77±0.02 (10)	not registered	not registered
Cg0180G09	O	0.78±0.04 (5)	DE989962	DE989963
Cg0180O06	O	0.80±0.02 (10)	DE989884	DE989885
Cg0160E04	O	0.82±0.06 (6)	DE989426	DE989427

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0109D01	P	terminal painting	not registered	not registered
Cg0180L11	P	terminal painting	DE990035	DE990036
Cg0180E12	P	terminal painting	DE990051	DE990052
Cg0180L19	P	terminal painting	DE990282	DE990283
Cg0180I09	P	terminal painting	DE989966	DE989967
Cg0180H08	P	0.17±0.03 (10)	DE989933	DE989934
Cg0180A09	P	0.17±0.03 (11)	DE989951	DE989952
Cg0180I08	P	0.19±0.02 (10)	DE989935	DE989936
Cg0160B12	P	0.20±0.05 (10)	DE989570	DE989571
Cg0160H01	P	0.20±0.02 (5)	DE989340	DE989341
Cg0180H06	P	0.20±0.02 (10)	DE989872	DE989873
Cg1001A17	P	0.20±0.01 (10)	not registered	not registered
Cg0180E19	P	centromere painting	DE990268	DE990269
Cg0160N13	P	0.27±0.04 (4)	not determined	not determined
Cg0180K19	P	0.33±0.04 (10)	DE990280	DE990281
Cg0180C03	P	0.33±0.02 (10)	DE989769	DE989770
Cg0160D04	P	0.34±0.04 (6)	DE989424	DE989425
Cg0180P05	P	0.37±0.05 (10)	DE989856	DE989857
Cg0180F08	P	0.41±0.03 (10)	DE989929	DE989930
Cg0160C06	P	0.53±0.03 (2)	not determined	DE989478
Cg0180N05	P	0.55±0.04 (10)	DE989852	DE989853
Cg0160E04	P	0.56±0.05 (6)	DE989426	DE989427
Cg0160M01	P	0.56±0.03 (5)	DE989349	DE989350
Cg0180F10	P	0.59±0.04 (5)	DE989992	DE989993

Cg0180O06	P	0.62±0.02 (10)	DE989884	DE989885
Cg0031N14	P	0.65±0.03 (10)	not registered	not registered
Cg0180G09	P	0.66±0.05 (5)	DE989962	DE989963
Cg0180G08	P	0.69±0.03 (10)	DE989931	DE989932
Cg0180D07	P	0.68±0.04 (10)	DE989894	DE989895
Cg0160H02	P	0.69±0.04 (4)	DE989369	DE989370
Cg0160F06	P	0.73±0.02 (4)	DE989480	DE989481
Cg0180C12	P	0.74±0.04 (5)	not determined	not determined
Cg0180B11	P	0.80±0.03 (10)	DE990015	DE990016
Cg0160M12	P	0.81±0.05 (10)	DE989587	DE989588
Cg0180A19	P	0.84±0.03 (10)	DE990260	DE990261
Cg0160H14	P	0.86±0.06 (9)	not determined	not determined
Cg0180L10	P	0.86±0.04 (10)	DE990003	DE990004
Cg0160D14	P	0.91 to 0.98±0.02(10)	DE989621	DE989622

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180E19	Q	terminal painting	DE990268	DE990269
Cg1001A14	Q	0.12±0.03 (10),0.46±0.03 (10)	not determined	not determined
Cg0180L02	Q	0.12±0.03 (10),0.46±0.03 (10)	DE989755	DE989756
Cg0180L07	Q	0.12±0.03 (10),0.46±0.03 (10)	DE989910	not determined
Cg0180A07	Q	0.12±0.03 (10),0.46±0.03 (10)	DE989888	DE989889
Cg0180B10	Q	0.12±0.03 (10),0.46±0.03 (10)	DE989984	DE989985
Cg0180P10	Q	0.12±0.03 (10),0.46±0.03 (10)	DE990011	DE990012
Cg0180D05	Q	0.12±0.03 (10),0.46±0.03 (10)	DE989832	DE989833
Cg160B04	Q	0.47±0.01 (10)	DE989421	not determined
Cg0180N06	Q	0.47±0.01 (10)	DE989882	DE989883
Cg0180E21	Q	0.48±0.02 (10)	DE990331	DE990332
Cg0180M03	Q	0.48±0.01 (10)	DE989789	DE989790
Cg0180E19	Q	centromere painting	DE990268	DE990269
Cg0160L10	Q	0.77±0.03 (10)	DE989542	DE989543
Cg0160I13	Q	0.82±0.02 (10)	DE989604	DE989605
Cg0160K05	Q	0.84±0.01 (5)	not determined	DE989469

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0180M20	R	0.11±0.04 (10)	DE990315	DE990316
Cg0160O10	R	0.17±0.08 (5)	DE989547	DE989548
Cg0180I21	R	0.24±0.04 (10)	DE990339	DE990340
Cg0180G20	R	0.25±0.04 (10)	DE990303	DE990304
Cg0180E11	R	0.39±0.03 (10)	DE990021	DE990022
Cg0180B08	R	0.41±0.03 (10)	DE989921	DE989922
Cg0160O03	R	0.41±0.05 (10)	DE989415	DE989416
Cg0180E02	R	0.41±0.02 (10)	DE989743	DE989744
Cg160B04	R	0.47±0.01 (10)	DE989421	not determined
Cg0180N06	R	0.47±0.02 (10)	DE989882	DE989883
Cg0180E21	R	0.48±0.01 (10)	DE990331	DE990332
Cg0180M03	R	0.49±0.01 (10)	DE989789	DE989790
Cg0180E19	R	centromere painting	DE990268	DE990269
Cg0160L10	R	0.77±0.03 (10)	DE989542	DE989543
Cg0160I13	R	0.80±0.02 (10)	DE989604	DE989605
Cg0160K05	R	0.81±0.01 (5)	no data	DE989469

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0109D01	S	whole chromosome painting	not registered	not registered
Cg0180L11	S	whole chromosome painting	DE990035	DE990036
Cg0180E12	S	whole chromosome painting	DE990051	DE990052
Cg0180L19	S	whole chromosome painting	DE990282	DE990283
Cg0180I09	S	whole chromosome painting	DE989966	DE989967

BAC number	Chromosome	Position (FLpter value)	forward DDBJ number	reverse DDBJ number
Cg0160H02	T	0.29±0.04 (4)	DE989369	DE989370
Cg0180G09	T	0.38±0.06 (5)	DE989962	DE989963
Cg0160E04	T	0.39±0.06 (6)	DE989426	DE989427
Cg0180C12	T	0.41±0.03 (5)	not determined	not determined

Cg0160N04	T	0.41±0.05 (10)	DE989443	DE989444
Cg0180B11	T	0.43±0.04 (10)	DE990015	DE990016
Cg0031N14	T	0.45±0.02 (10)	not registered	not registered
Cg0180D07	T	0.45±0.02 (10)	DE989894	DE989895
Cg0180O06	T	0.47±0.03 (10)	DE989884	DE989885
Cg0180E19	T	centromere painting	DE990268	DE990269
Cg0109D01	T	painting	not registered	not registered
Cg0180L11	T	painting	DE990035	DE990036
Cg0180E12	T	painting	DE990051	DE990052
Cg0180L19	T	painting	DE990282	DE990283
Cg0180I09	T	painting	DE989966	DE989967