

TABLE S1
Insertions and primers for mapping distal ends of duplicated segments by PCR

Insertion	Forward primer		Reverse primer	
	Sequence	Coordinates	Sequence	Coordinates
<i>P</i> { <i>SUPor-P</i> } <i>KG01655</i>	GACCTGTGAGCCATCGTCCG	X:1055741..1055760	GCTTAGTGGAGTTCGGATTAGGCC	X:1056568..1056591
<i>P</i> { <i>EPgy2</i> } <i>EY11509</i>	GAATGCCAAGAGAGCAGCATGGC	X:1103871..1103893	CCTTGAAGTGACTGGGGTAATCGG	X:1104395..1104418
<i>P</i> { <i>EPgy2</i> } <i>CG11412EY10202</i>	GCCGATAGTCACAGTTGGC	X:1236080..1236098	CCAAGCGGCCGAGCCTCCTGC	X:1236761..1236781
<i>P</i> { <i>EPgy2</i> } <i>CG3719EY14694</i>	CGATGATTGCAAATCTGCCTCGGC	X:1272985..1273009	CCGGCAGCCGCAGGTCC	X:1273577..1273593
<i>P</i> { <i>EP</i> } <i>CG14777G1158</i>	GAGGGCGTGAGATGCGGACG	X:1360823..1360842	CTGAAACTGCACGATGAGTGG	X:1361546..1361566
<i>Mi</i> { <i>ET1</i> } <i>Nmdar2MB09441</i>	CTGCCATTATAAGGATGAGCAGC	X:1381640..1381663	GCTTAGGACGACTTTGTGGTGC	X:1382522..1382543
<i>P</i> { <i>EPgy2</i> } <i>EY03391</i>	CATCAACTCGCGCTATCTATGG	X:1563016..1563038	GGGCGGTTCTGCAGGCTCG	X:1563763..1563781
<i>P</i> { <i>GTI</i> } <i>AdarBG02235</i>	CCGCATCGAGGAACCAAATCG	X:1667892..1667912	GCAATGCAGCAGTGAAGCCTTTCCC	X:1668680..1668704
<i>P</i> { <i>SUPor-P</i> } <i>deltaCOPKG07426</i>	GCCAGCAGTCATCAGCTTGGG	X:1755327..1755347	GTTGGTAAAGGCGATGCTTGG	X:1756095..1756115
<i>P</i> { <i>EPgy2</i> } <i>CG14806EY15916</i>	CCGATTGCGTGTACGAACAGGG	X:1774273..1774295	GCAGGCGGATGAAGTCTTCC	X:1775058..1775077
<i>P</i> { <i>EPgy2</i> } <i>CG3573EY15890</i>	CATGAGAGCGTAGTCAAGCATCCGC	X:1816653..1816677	CAGCGCGATCTTACTAGGCTCGGCC	X:1817206..1817182
<i>P</i> { <i>SUPor-P</i> } <i>CG3600KG00928</i>	CTTTGGCCGCCAGGACCGTCC	X:1841903..1841923	GTGGCTTCGTATTGCAACTCG	X:1842697..1842717
<i>P</i> { <i>SUPor-P</i> } <i>KG06944</i>	CAGAAGAACACCAACTAACTAAACGC	X:1903879..1903905	GTCTCCTCTTTTCGTCATTGCAGCG	X:1904294..1904270
<i>P</i> { <i>EPgy2</i> } <i>CG14054EY07071</i>	CCGCTGTCCCTCCTGTCCGCTCGC	X:1959038..1959060	GTGGACTGCCTGGCGCTTGTGTCC	X:1959591..1959568
<i>Mi</i> { <i>ET1</i> } <i>MB01363</i>	CTATGCTCTATCATACATGTGGCGTCC	X:2010175..2010201	CCGACTCACCCTTCTCACAGCACG	X:2010776..2010752
<i>P</i> { <i>EPgy2</i> } <i>EY03702</i>	CCAAAGCGGTCGCCAGGAGAATCGC	X:2069227..2069251	GATCTAATCAGCAGAACCAGAGTGG	X:2069764..2069740
<i>Mi</i> { <i>ET1</i> } <i>mstaMB00924</i>	CTACAGTGCTTGCCAAGACGATCCC	X:2099704..2099728	GATGGCCAAGTACCAGGACTTCCG	X:2100362..2100339
<i>PBac</i> { <i>RB</i> } <i>CG3191e02435</i>	GCTGTCCGCGTCTAGAGGATCCC	X:2145248..2145270	GCTGCGTCCGATAGCCGATAGC	X:2145950..2145929
<i>P</i> { <i>GTI</i> } <i>BG01975</i>	CTGTTATCAGTGCAAGACAGAAACGC	X:2211467..2211492	GTTCTTCCCTAAGGGCGTAAATGCCGC	X:2212081..2212056
<i>P</i> { <i>SUPor-P</i> } <i>KG06050</i>	GTCGGATTGACTGCATCTTTGTTGG	X:2219491..2219515	GAGAACGTGATAACTTTCTGCCGC	X:2220057..2220034
<i>P</i> { <i>SUPor-P</i> } <i>KG06050</i>	GTCGGATTGACTGCATCTTTGTTGG	X:2219491..2219515	CCGCAGCTCTCTGAACCGCTCC	X:2219892..2219913
<i>Mi</i> { <i>ET1</i> } <i>MB04449</i>	CCAAAAGTCGGAGCATGGAAACATAGC	X:2302387..2302413	CAACGGCGATGCAGGTTGGGAACTGGG	X:2302925..2302899
<i>P</i> { <i>EPgy2</i> } <i>eghEY03917</i>	GAAGGGGTGAGAGAGTGAAGAAGG	X:2483034..2483058	GTTTGGGTTTTATATCTGTCTCCGCC	X:2483487..2483462
<i>Mi</i> { <i>ET1</i> } <i>CG2652MB03796</i>	GCTCGGTAGCCAGGCCATCTCTCCG	X:2575674..2575698	CGTACATCTTCCGGCCGCGCTGG	X:2576478..2576455
<i>P</i> { <i>EPgy2</i> } <i>CG2694EY21207</i>	GGGAATAGCTAACATCCCATAACG	X:2608030..2608053	CGTCCCCGCAGCCTGGCCAGAGACG	X:2608618..2608594
<i>P</i> { <i>EPgy2</i> } <i>SyX4EY00005</i>	GGTTTGTAGTGATGCCAAACCACTGTGC	X:2637387..2637413	GCCCAGGCTGTAGCCAGAGTGTTCG	X:2638207..2638182
<i>Mi</i> { <i>ET1</i> } <i>MB09143</i>	CATTCTCGTCTGATTTGGTTTCCCTCG	X:2779902..2779928	GGCATTACTTTTGGTCAGCGTCTCGG	X:2780463..2780438

<i>P{EP_{g2}}CG17959^{EY03513}</i>	GCCTGTGGATCGAGACTCCAGTTGC	X:2841198..2841222	GCTGGGGAGTCAAGTTCGCACTCC	X:2841552..2841529
<i>P{SUP_{or}-P}_{kirre}^{KG05552}</i>	CATTGCGATGTGGGCCATGCTGTTGG	X:2992911..2992936	CCGAATTACTCGACATCGGAACACG	X:2841198..2841222
<i>PBac{RB}_{Fcp3}^{C⁰⁴²¹²}</i>	GTTGTGCTGCTACTTGCAACACC	X:3068122..3068144	CAAATGTTGGCCGCCCAATATTGATTGG	X:3069002..3068975
<i>P{SUP_{or}-P}_{KG06782}</i>	GCCGCTGCTTCGCCTGGCTTCCTGG	X:3253742..3253766	GACGAGTTTTTCGGCGTTTAGATCATTGG	X:3254392..3254365
<i>PBac{WH}_{CG12206}⁰⁷³⁴⁷</i>	GCACCCGGATGGTCTCGTCCTGC	X:3360464..3360486	CGCCTTGGGAAATTCGATCGTGTTTC	X:3361427..3361403
<i>Mi{ET1}_{CG32791}^{MB01249}</i>	CTGCGGCATTATCGTCGCATGGG	X:3422188..3422210	CGGCACGGTCTTTATTGTTTGCGGATTC	X:3422825..3422799
<i>P{SUP_{or}-P}_{ilk}^{KG06931}</i>	CTATGGCCACATTCAAGAAACGCC	X:3634322..3634345	CTGCAGTCTACAGAAAGTAACAGGC	X:3635061..3635037
<i>P{SUP_{or}-P}_{ec}^{KG09175}</i>	CCAGAACGCAGCACTATATCGAC	X:3736678..3736700	GGCCAACGTCTTCAGTGCGACG	X:3737602..3737581
<i>P{Mae-UAS.6.11}_{Vap-33-1}^{GG01069}</i>	CGCTTTCTATTGCCATCTCGCTCGATTGGC	X:3843899..3843928	GCGAGGGGGTTGCAAAGAATGGGG	X:3844623..3844599
<i>P{EP_{g2}}CG6379^{EY08403}</i>	GTTCTCATCGTCCGAAGGTTTCGTCC	X:3994648..3994672	CTAGACCAAGTGTGGTATGCTCG	X:3995304..3995282
<i>PBac{RB}_{GlcAT-I}⁰⁴³⁸⁴</i>	CCACACTGGAGACGAAGAATATCG	X:4025177..4025200	GTGGCTTAATCCAGTTGGGGTCC	X:4025778..4025756
<i>P{SUP_{or}-P}_{KG00475}</i>	GGCTAAGCCAGTTTACAGGATCG	X:4186834..4186856	GTTATCCTCGTTAAGTGCGTTAACCAC	X:4187481..4187455
<i>P{XP}_{bi}⁰⁵⁹⁶⁴</i>	GAGTTCCATCTCGATTTAAGGTGGC	X:4317564..4317588	GCATCCTACTCTCATTCGCTCGCC	X:4318287..4318264
<i>Mi{ET1}_{MB01991}</i>	GTTCTAAGGCACAGGTCAGGGC	X:4478617..4478638	GGTGATGACAGCAGACACCAGGC	X:4479348..4479326
<i>P{EP}_{H4C}³⁵¹</i>	CTCAGTCAGAGCAGCTGGTGTCC	X:4539074..4539096	CCAACCTTAACCGAAGTGTTCGATGG	X:4539664..4539640
<i>P{SUP_{or}-P}_{KG02802}</i>	CGACGCGAACTCGTTTCTCGCCG	X:4573372..4573394	CGCTTGTAAGGTGTTACCACCTTGCG	X:4574098..4574073
<i>P{SUP_{or}-P}_{KG06705}</i>	CGAATTAATGACGGTTGGGGTTCGC	X:4698591..4698615	CATCCAAAGGACCACCAAACTGC	X:4699234..4699212
<i>P{EP_{g2}}CG6903^{EY08878}</i>	GTCCAATCCAGACGCTCGTCCGG	X:4813070..4813092	GGCATAGTGACCCTGATCGAGGTCCG	X:4813615..4813591
<i>P{SUP_{or}-P}_{CG3011}^{KG08318}</i>	CTCTGCTTGAGTCCGAATATCG	X:5810306..5810328	GATAGCGCAGCGATCGGGTCCG	X:5810719..5810740
<i>P{GT1}_{BG01736}</i>	GGCAGAGCGGATCGGCTTCC	X:5882264..5882283	CGAGTTACGATGGGATCGATCG	X:5883053..5883074
<i>P{GT1}_{BG02331}</i>	GGATCGCCAAAGTCCGTCGCCG	X:5971289..5971310	CATAGTCGCTTTTTACCCGCTTGC	X:5971849..5971872
<i>P{GT1}_{CG3774}^{BG02156}</i>	GGAGAGCCCATAGGCGAGCG	X:6114141..6114160	CAGTCGTACGTCGTATGTGC	X:6114957..6114976
<i>P{EP_{g2}}EY06102</i>	CAGGATTCTCACCTAATTGGGC	X:6170249..6170270	CAGGTACATTGGAATTATTGCTTAGGTACC	X:6170819..6170848
<i>P{EP_{g2}}EY16428</i>	CGACACTGGTGCCTGGACGG	X:6188987..6189006	GCAGGCGTCACAATAGTCGTGG	X:6189850..6189871
<i>PBac{WH}_{swa}⁰¹³⁷²</i>	GCTCGTCCGTCGGAAAACCTCTCG	X:6259593..6259615	CATTGCCGACTAGAATCCAGTTGC	X:6260082..6260105
<i>P{XP}_{CG3918}⁰²⁹⁴⁰</i>	CGGGCGGATTGAACTGGCGC	X:6418107..6418126	CTATGCGATTGGTGCCTTACC	X:6418827..6418848
<i>P{EP_{g2}}EY07268</i>	GAAATGGACACTTTCGACCTGAAGGC	X:6434427..6434452	GATGTTGGGTTTGTGCGGCAAGCC	X:6434848..6434871
<i>P{EP_{g2}}l(1)_{G0148}^{EY07177}</i>	GTATATCAAGTGCCAGCTTTGGTGC	X:6548351..6548375	GCAGTAACTGAGATGACAACTCC	X:6548939..6548961
<i>PBac{WH}_{CG14442}⁰⁶³⁹⁹</i>	GTTGGATCTCCACCATCGATCG	X:6583433..6583454	CTGGTGACCATCAGTCAGCACC	X:6584031..6584052
<i>PBac{WH}_{CG14439}⁰⁶⁵²²</i>	CATCTCCTAACTAGCCCTATAAGC	X:6642256..6642279	GAAAGATTCAATTAGACTCATTCTCATTGGG	X:6642746..6642775
<i>PBac{WH}_{AtX-1}⁰¹²⁰¹</i>	GCAGGTGCAGCCGGGTCATCC	X:6717733..6717753	CCATTAGAATGCTTGACAGGAGG	X:6718403..6718425

<i>P{EP_{gy2}}EY03050</i>	GGTCCGCCTATCCTTTGTCCC	X:6777690..6777710	GATAGTAGCAGCGTTGCCAGGC	X:6778164..6778185
<i>PBac{WH}ogr^{d07788}</i>	CGTGTACAAGGGGTTTTACAG	X:6875585..6875605	CAAGTTATTCGGTACCTTTTCGTAGGCC	X:6876203..6876230
<i>P{XP}CG14427^{d06860}</i>	GTCACCCACATTCGCGAGGC	X:6935287..6935306	GGCCCCTGACCTTTGACCCGC	X:6935833..6935853
<i>P{SUP_{or-P}}CG9650^{KG00935}</i>	CGATTTCGTCGTACCTACGTGATCC	X:7089520..7089544	GCTTCTTAGGCGAACATGTCCG	X:7090100..7090121
<i>Mi{ET1}Dok^{MB03742}</i>	GTCGGCATGGGATTGCCCGCC	X:7219606..7219626	GCCTCAAAGGTGAAC TTGCC	X:7220307..7220326
<i>Mi{ET1}MB07442</i>	CGTCAATCCGACTTTCCCAAGG	X:7310589..7310610	GCCAAGCAGCTCTGACCC	X:7311355..7311372
<i>PBac{WH}CG15478^{d07358}</i>	GATCCACCCACTCAAGGCTGCCCAGC	X:7610424..7610449	CGAATACGGACAACATACACGGGAC	X:7611227..7611203
<i>Mi{ET1}CG1402^{MB01998}</i>	CGATTGAGACAATAACCCGAAAGCC	X:7726814..7726838	CTGCGATTCACTTCCAGGACTTCAC	X:7727326..7727302
<i>PBac{WH}CG10932^{d04498}</i>	CTCCTGGACATCGGTCTTCGC	X:7782491..7782511	GCTTGTAAACCGTTAAGTTCAATTTACGC	X:7783020..7783047
<i>P{EP_{gy2}}CG1444^{EY08252}</i>	GCCGTTGACAATTGACATTCAATCGC	X:7802982..7803007	GACCTTCCGGAAGACCTGGAAGCC	X:7803488..7803465
<i>PBac{WH}CG15332^{d05798}</i>	CCCTCGGTATGCCTGCAATGCC	X:7849656..7849677	GGGCGACGAACGGTGGCTGC	X:7850292..7850311
<i>P{EP_{gy2}}f_s(1)^{hEY10625}</i>	CGCGAGTTTCTTCTGAGTCCGC	X:7954973..7954994	CCGAGCCTAGGAACAGTGTTC	X:7955600..7955621
<i>P{EP_{gy2}}Gcl^{EY05904}</i>	CATGGGCGAAATTTACGCG	X:8009881..8009899	GCAAGTTGTGGTGAAATCACAAACTGC	X:8010552..8010578
<i>P{SUP_{or-P}}CG2116^{KG00028}</i>	CGATGTATGAAAGCGGAAGGAAGCAAGC	X:8023765..8023792	CCAATTCCTGACCACAAAATTGCC	X:8024252..8024229
<i>PBac{PB}CG10959^{d02347}</i>	GTGCACTTCGACAAGCAGGG	X:8043108..8043127	GACTTGCCGCAGTTCTCGTGC	X:8043859..8043879
<i>PBac{PB}CG10959^{d02347}</i>	CCGCTCACCAAGACGGTCACGGG	X:8043132..8043154	CCGTGTGCTCCTTGCGACGATGC	X:8043761..8043739
<i>P{EP_{gy2}}EY20665</i>	GCAGAGAAGTCGGGGAAATCCATGG	X:8071764..8071788	GGTCCCTGGGCCGTAGTGTCC	X:8072637..8072656
<i>P{XP}sd^{d05058}</i>	GGGTAAAACAGATGCTGTATCGCG	X:8086758..8086781	CAGTCCGCCCGGTGGGAACGAGACG	X:8087345..8087322
<i>P{XP}CG1632^{d03362}</i>	GTGATGAGGTTGGTCTCGCCCTGG	X:8165237..8165260	CTCTCTCCAATTGCCATTCATG	X:8165644..8165622
<i>P{SUP_{or-P}}CG32711^{KG09043}</i>	CAGCTAAGGACTTTGTTCGCATATCC	X:8302771..8302796	GAGAGCACAAGTCTGAGCACACAC	X:8303364..8303341
<i>Mi{ET1}CG15347^{MB04140}</i>	GCAGTGCCAACCCGTTGACACCTCG	X:8352348..8352372	GGTATCTTTTCGCAGATGGCTACAC	X:8353216..8353193
<i>P{XP}Nrg^{d11128}</i>	GAATGGCAATGCAATATTGTACGAAGCAC	X:8412006..8412034	GCCAAAGCGTGAGAGACGGAGCG	X:8412305..8412283
<i>P{EP_{gy2}}EY19827</i>	GGACCACTATTCGTAAACCAAAATGTGC	X:8483158..8483134	CGCTGTGGGCTGCGAGCCGTGTAGC	X:8483158..8483134
<i>PBac{RB}CG11284^{d04402}</i>	CCAAAGTCCAAGTTATAATGTGCTTGCC	X:8582193..8582220	CAACTTGTCTTTCTCGGCGTCAAG	X:8582905..8582881
<i>P{SUP_{or-P}}CG2004^{KG10420}</i>	CGGAATGTCTAAGTGATCACACCC	X:8608364..8608364	GCGCATCTCTAACCC TGCC TTCA	X:8608747..8608725
<i>PBac{RB}Moe^{d03902}</i>	CGACTTCATGCTAATGGGATAAGTGTGC	X:8791314..8791341	GAGGGGTAGAGTGATTGGAGTGTGAGTC	X:8791733..8791706
<i>Mi{ET1}rdg^{AMB06886}</i>	CGCGTAAGTGAAAGAGAACCGATGGTATGG	X:8919421..8919450	GGCTGAAGGTA AATTGGGTGGTATATC	X:8920102..8920076
<i>P{EP}CG7267^{EP1030}</i>	CAATGTGTCTATCAATATTC TTATGACACAGC	X:8972175..8972206	CTTTCGGACTGTCTATAGTGATTCCG	X:8972920..8972896
<i>P{EP_{gy2}}f_{end}^{EY02774}</i>	GTGGACAAGGAATGAGAATGAGG	X:9023264..9023286	GTGCCCATGGTTCCACACTTGTCCG	X:9023975..9023951
<i>P{EP_{gy2}}EY09570</i>	CCACTATCTCGTCCGTCTGCTCCGC	X:9055896..9055920	GGCCTTACCGTGTACCGCTACAGG	X:9056299..9056276
<i>Mi{ET1}CG12119^{MB05824}</i>	CAGGAATTTGAAAAGGCTGGCAGC	X:9102623..9102647	GATTGAAGTTCCGCAGTTTACGC	X:9103310..9103288
<i>P{EP_{gy2}}EY14474</i>	GCAGGACAATCGACTCCATGGCTGG	X:9137219..9137243	GCTGGGATGCCAGGTATTTGCAGC	X:9137810..9137787

<i>PBac</i> {RB}CG16892 ^{e03860}	CCTAAAACAGTGTCCGCCGTTCTCC	X:9167564..9167588	GTCTACACCGGCTACGGCTAAGC	X:9168080..9168058
<i>P</i> {EP _{gy2} }EY00880	CATTGGTGTAGTATCGGTGTTAGC	X:9249724..9249748	GCTACGATGTCACTTCGATGGC	X:9250310..9250289
<i>P</i> {SUP _{Por-P} }KG00777	CTATCGCACTGTCACTACAGTTGG	X:9394100..9394123	GAACCACCAACACGCACTGTGGCAGC	X:9394691..9394666
<i>P</i> {GT1}BG00175	GCTAACCGATCCCAAACCTCGC	X:9488176..9488196	GTATCCGTAATAGTAGCCACATCTATAGC	X:9488647..9488619
<i>P</i> {SUP _{Por-P} }KG07347	CCAGATAACGAAGCAGCGAGTCC	X:9579966..9579988	GTTTTGCATGACCACCGGTTTCGTCCG	X:9580497..9580473
<i>P</i> {SUP _{Por-P} }KG07347	GTAAGAAACATCATTGGTTGGAGACC	X:9580068..9580093	GCGCCAGCCAGTCATATGGCCGTC	X:9580803..9580780
<i>P</i> {EP _{gy2} }EY02055	CGGACGTTTACCGTTGGATGAGGACG	X:9801096..9801121	CCGCTGACTCGAACCGCTAAAGTAG	X:9801732..9801708
<i>Mi</i> {ET1}CG32694 ^{MB05037}	CTTCCTTTGGCATTCCGCACGTGGC	X:9889597..9889621	CCGACAAGACTATTGGATAATGGCCG	X:9890260..9890235
<i>PBac</i> {WH}CG2974 ^{f02346}	CACCGGCGGCTTGAAGCTGAATCC	X:9979553..9979576	GGCTAGCTTACAGCACCTCCCGC	X:9980412..9980390
<i>PBac</i> {WH}CG15308 ^{f00264}	GCAGGGATGTTAAGAATCGGAAATGGTC	X:10112413..10112440	CCAGTCCTCCAAGCACAACTTACTC	X:10113158..10113134
<i>P</i> {SUP _{Por-P} }KG10244	GGAGCGTCTCGTTGAACCAATCGAG	X:10225396..10225420	GGCGCGTATAGAACGATGTTGAAGG	X:10226273..10226249
<i>P</i> {EP _{gy2} }EY12447	CTAGCCGTATGATCATCAAGTCGTCCG	X:10279580..10279605	CGGTGGGCCGCTGATGTTCACTG	X:10280250..10280228
<i>PBac</i> {WH}Neb-cGP ^{f02352}	GCACTTTCAACACTGTTCCGCCAGC	X:10354712..10354736	GGATCCAAGACATCGATTGTGGCGG	X:10355246..10355222
<i>P</i> {SUP _{Por-P} }CG1628 ^{KG08894}	CGAGGGGCTGGGACACATACACC	X:10495487..10495509	CGCCAGTAGCATAACACTAACACGC	X:10496184..10496160
<i>P</i> {SUP _{Por-P} }CG32676 ^{KG04888}	GCAAGTCTTGTGTAACCTAATCTCCG	X:10632983..10633008	GTTGAGTTTTGCCCTATTGACGC	X:10633589..10633567
<i>P</i> {EP}G733	GGCGGGCCAACCTATCGCACAGGTCCG	X:10741132..10741156	CGTTAGCAACTGGACGAGGGAACCACC	X:10741828..10741802
<i>P</i> {XP}Ork1 ^{d09258}	GGAGGTGCGGCACTGATTGATTTACC	X:10784066..10784091	CACACATTATCGCCAAGCCACCCAACC	X:10784544..10784518
<i>P</i> {EP _{gy2} }EY00595	GAAATCGATAAGACTCGATAATCCCG	X:10824618..10824643	GTTTCTTTTGGCGTCACTTTCGTACCCGC	X:10825279..10825252
<i>PBac</i> {WH} _{sev} ^{f02355}	GGTGTGTTATTGACACCATTATTGTCCC	X:10975227..10975254	GAGCTGGTGATGATTTAGCTCCAGG	X:10975778..10975754
<i>P</i> {EP _{gy2} }EY09320	CCGCTACAATGTGTTAGCACTTTCC	X:11030920..11030944	GTCTTATTAAACAGCTAATTTTGTTAGGGC	X:11031560..11031531
<i>Mi</i> {ET1}MB06515	CACCACCGTCATTCCGGCTAGG	X:11062961..11062982	CCACCGTATGATTATCTTGAGCACTTCG	X:11063521..11063494
<i>PBac</i> {RB}CG1657 ^{e02476}	GCAATCAGCGCCACATAACGGACC	X:11219857..11219881	GTTGCCTGTGACGAAAATAGTAGG	X:11220419..11220396
<i>PBac</i> {RB}CG11752 ^{e04370}	CGCACTTTCCGCGTTACCCAACACG	X:11244026..11244050	GCTGGCGAAATTCCACGCGATCG	X:11244810..11244788
<i>P</i> {XP}CG15196 ^{d06689}	CGACTAAACGAACGCCATCGTGAAATTCGG	X:11303997..11304026	GGCGTCGCTTATGCCTCTTCGTCC	X:11304560..11304537
<i>P</i> {SUP _{Por-P} }CG11727 ^{KG00813}	GTAATTAATGGTTTACAGAAGAGTGGACG	X:11347096..11347124	CGCTGTCTGTGTGGGTTTATGCTCGCG	X:11347686..11347660
<i>P</i> {EP _{gy2} }CG1572 ^{EY23597}	CGCTCTCGTCTATATGTTACCTAGG	X:11451050..11451075	CCTCTGTATGGGTCCTTACAAGGC	X:11451545..11451523
<i>PBac</i> {WH} _{nod} ^{f04008}	GAGCGAGATGACAATAGAGAGGCG	X:11474221..11474244	CGCGGACCGCAATCCGAACTGCG	X:11474999..11474977
<i>PBac</i> {RB}FucT6 ^{e02394}	CCCACAGCCCAGAGTTGCAGAAAAGG	X:11600469..11600494	GGATCTACAGCTGCGTGTTGGTGAC	X:11601204..11601180
<i>PBac</i> {WH} _{dy} ^{f04509}	CATGCACACACTTGGACTCACACG	X:11670262..11670285	AACACTTTCATATAGCAGG	X:11671080..11671062
<i>Mi</i> {ET1}MB01008	CGAACACGTTCCCTTGATCGACTACG	X:11733351..11733375	GGCGTGGCCAAATCATGTTGGGAAAGG	X:11733796..11733770
<i>P</i> {SUP _{Por-P} }CG10353 ^{KG03540}	GATTCGAGAGATCCGGTAAGAAGC	X:11775943..11775967	GCCCCGCTGCTGTAATGATGCACAC	X:11776559..11776535
<i>PBac</i> {WH} _f ^{f03985}	CTTACCATCCCTACTTTTTGACGGGC	X:11814681..11814706	GAGAGAGTGCAGATTGTTAGCTCC	X:11815341..11815318

<i>P{SUP^{or}-P}KG05404</i>	CCATCCACATTCCGCAGCAAACCG	X:11900875..11900898	CGGATCGTGAGTGCAACTGTACG	X:11901255..11901233
<i>P{XP}d08667</i>	GCCTTCTACAAGACCGCACTTTTCCC	X:11900970..11900995	CAAAGCACCGGTGCGTTAAGATTAGTC	X:11901942..11901916
<i>Mi{ET1}Cyp318a1MB02480</i>	GGGCACCTTGAGTGTCTGAATCCG	X:11926365..11926388	CGATATAGAGCAGGACTCGG	X:11927161..11927142
<i>PBac{WH}CG2750J01388</i>	GGCACAACCACGTCGTCAAGCGTATG	X:12001848..12001873	CATCGATGCTTCATGATACGAGGGC	X:12002412..12002388
<i>PBac{WH}J01428</i>	GTATGGCTAGGTGAGCTATGTTTGCAC	X:12289367..12289393	CCTGCCAATTCCCATCATCCTG	X:12290184..12290163
<i>P{XP}CG42258d01896</i>	GTGTGCTATTTGGCTGACCACAG	X:12364084..12364106	GCTCACTCTACCGCTCCTCGCTC	X:12364498..12364476
<i>P{XP}d06616</i>	ACTTAGGCACGCGCGCCGAGAGTG	X:12477049..12477073	GGTTGAAGTCTTCGCTACAGTCTC	X:12477408..12477385
<i>P{EP}tomosyn^{EP1359}</i>	CACATGATCCTTACTCGCGAACACC	X:12534787..12534811	GGTCGGCGTGAATAGTATAGCATAAC	X:12535194..12535170
<i>PBac{WH}SmrJ02932</i>	CGCCCACTCATCTATCATTCGATAG	X:12627909..12627933	CCTTGCCAAATCCTCGGTCCTGCC	X:12628571..12628548
<i>P{XP}d05563</i>	CGCCACTATAGCAACATTGACGTTCC	X:12679058..12679083	CGCTTTTATTGGGACAAAGAGCTG	X:12679580..12679557
<i>P{EP_g2}EY20029</i>	GGTTCGATAACAGTGCCCGGTATGC	X:12790564..12790588	CTCAAATGTACTTGTGCGCGCCACCTG	X:12791066..12791040
<i>P{EP}Tango13EP1218</i>	CTTAACACTATCATTTGGCGCCACC	X:13457567..13457590	GTTGTTGCTGCCGCTAACTATTGTTGC	X:13458193..13458219
<i>P{EP_g2}CG2691EY08204</i>	CTGCCGGCCACATCGTTAACCG	X:13518037..13518058	CGATAACAGGTTGGTGTGTTAGC	X:13518713..13518735
<i>P{EP_g2}NFAT^{EY07123}</i>	CACGGCCTGAGGTGTGCGCGTGC	X:13534311..13534333	CGCTTGGGCGCGAACAACCTATTTGGC	X:13535124..13535149
<i>Mi{ET1}mus101MB08064</i>	GTTGTTGAAAATTAATTCTAAGTCAAAGCGC	X:13620991..13621021	GTTGCCTAGAGCATGAGATTCC	X:13621561..13621582
<i>P{EP_g2}EY00885</i>	GAGAGTGACGCTTTCTCGCGCGC	X:13656333..13656355	CATTATTATCATTGCGGGCAGCTGG	X:13657098..13657122
<i>PBac{RB}jub^{e03614}</i>	GTGTGACCGCCGCGGGTTACG	X:13724330..13724350	CAACGACATCACGCGCACC	X:13725065..13725083
<i>Mi{ET1}MB00659</i>	GATGCGTTCGCCACATGAGGTG	X:14040471..14040492	GTTTGGCCTTCGTCATATACTCG	X:14040950..14040972
<i>P{EP_g2}EY01770</i>	CACCGCTGACATCATGAACGGGC	X:14086953..14086975	GTCTGCGAGGTTAGGTTGAATCC	X:14087493..14087515
<i>PBac{RB}CG42271^{e02366}</i>	CTCGTTTAGCAACTCCATAGATGG	X:14127636..14127659	CACACTCTTGCAATTGCTCAGCGC	X:14128306..14128284
<i>PBac{RB}nac⁰⁴³⁸⁵</i>	GCCATGCTGACGCTGTTGAGG	X:14166500..14166521	GCTGGTGAGATTCAGGCATGCGG	X:14167142..14167164
<i>Mi{ET1}dpr8MB03631</i>	GATGAAAGACTAAGAGCCGCGCGC	X:14292263..14292286	CACGCATTCTGTGGTCTACTCCG	X:14293028..14293050
<i>Mi{ET1}MB07827</i>	CACTTTGCTCTGAACCAGAGTCG	X:14573279..14573301	GGTATTCCTGCTGTTTATCAGGCTCG	X:14573990..14574015
<i>P{GT1}rut^{BG00139}</i>	GGTGCTGATGACCCTTTGGCG	X:14703387..14703407	CGATTTGGATAGTGATGTCATGGG	X:14704073..14704096
<i>P{EP_g2}CG14407EY04278</i>	GTCCCTTGACACCTGCACGCAAGC	X:14731776..14731798	GAGGCCAGGCCGCGACATCC	X:14732506..14732526
<i>P{GT1}Flo-2BG00596</i>	CTGCACTTTCATTTAGGCCTCG	X:14790697..14790718	CATCAGCCATCAACCGCAACCGC	X:14791407..14791429
<i>P{EP_g2}CG9009EY02124</i>	CATTACATATCGGCACTTTCCTGCG	X:14844078..14844102	GATTGATCGCATCTCGAAGAGC	X:14844703..14844724
<i>P{EP_g2}EY07971</i>	GACTCAAGGTGCGGCAGAAAG	X:14969858..14969878	GACCCTTGACTAGGCATAAATCTTGG	X:14970447..14970472
<i>P{EP_g}HP10680</i>	GGCCACAATTAGCAGTAGTAGATAGC	X:15019331..15019356	CTCGAGCGCCTGACTACTGGC	X:15020111..15020131
<i>Mi{ET1}MB01800</i>	GGAGATCTGTAGCTTCCAGCTAGC	X:15154894..15154917	GAGTTCCTGTCCCGGATACCG	X:15155792..15155812
<i>Mi{ET1}HDAC6MB06564</i>	GACGTGTCCGCACTTGAGGC	X:15232911..15232930	CTCCGCTCCGCTGTCTAGTGC	X:15233659..15233679
<i>P{EP}Ahcy13EP1007</i>	CTTTGGATACGGCTGTTCAATGACC	X:15343811..15343835	TTCCGCCAGACTGATATCGGC	X:15344699..15344719

<i>P{GT1}CG6340BG0111</i>	CGACTGCATGCGCTCCAACCCG	X:15378270..15378291	GCTAGATGCTTAGGATGCTGG	X:15379041..15379061
<i>P{XP}CG6340d02850</i>	GAAAATTCTGTTTGTTCGGTCCGCTTGCG	X:15378358..15378386	CGTGCGCCTTGATCTCTCTTTTCGC	X:15378922..15378899
<i>PBac{WH}CG42300f06338</i>	GGCCCAGCGCATTCTGTCCGCCATG	X:15464027..15464051	CTAGCCATAAGCTATAGAAATGTGC	X:15464595..15464571
<i>PBac{WH}CG8097f06511</i>	CGGTACCTGACACTCAGTGTGGC	X:15476924..15476946	CGGTACAGATCATCGTTGTTGTAAC	X:15477648..15477625
<i>Mi{ET1}MB01710</i>	CAAGATCGGCTGGCATATAACTGGC	X:15561084..15561108	GCACTGAGCTAGAGGGTGCGGGAG	X:15561590..15561567
<i>P{EPgy2}EY01689</i>	GAATCGGAAATCCAAGTCGTACACC	X:15607555..15607579	CGGCCGTTAGCTCAGAGGAGCCC	X:15608199..15608177
<i>PBac{WH}Graf02954</i>	GACGATGCATTCCTCGAACTCCAGAG	X:15652004..15652029	GACTGCCCACTTTTTATCGTGCCAC	X:15652843..15652819
<i>P{EPgy2}Paf-AHalphaEY05630</i>	GGGATTACATTTGTCCAGCGCACCG	X:15678824..15678848	CAGTAACATATGTGACCGTGTAAACG	X:15679690..15679666
<i>P{XP}sd04263</i>	GTCATACAAAGACACACCTCGTAAATCC	X:15708354..15708381	CCCACACTGCATTTACAAGCTTCTGGCC	X:15708953..15708926
<i>P{EP}Gbeta13FEP1071</i>	CGGTGGAAGATACGTCTTAAGGGT	X:15753717..15753740	GTAGGCGCAAAACTATCGAGACTGC	X:15754450..15754426
<i>PBac{WH}f07337</i>	CGTCGGAATGTTGATGTCTGGACC	X:15815512..15815535	GAATGGAAGTAGCGATACTCGAACC	X:15816137..15816161
<i>P{EPgy2}CG9170EY21976</i>	GGGATTTGGTTAACTCAGCGGAC	X:15876487..15876509	GCATATTAAGCTTGTTAATCAGG	X:15877234..15877212
<i>PBac{WH}CG12698f01404</i>	CCACACACCCAACCTTATCGGACGAA	X:15899836..15899860	GGTTACGGGAAAATCCTCCTCCTTC	X:15900799..15900775
<i>P{SUPor-P}TobKG06291</i>	GGGAATTTCCCTTGACGCGCTTAGTGG	X:15983253..15983278	GGCATTTTGTGCGGGTGTTCGTCGC	X:15984029..15984053
<i>P{SUPor-P}CG42353KG01000</i>	GCACTAACGTTTCGTTACACACACAACC	X:15998497..15998524	GAAATCCTTGTGGTGAGCGGACG	X:15998942..15998963
<i>Mi{ET1}CG3632MB03514</i>	CTATATATTGCGCACCTTGTGGAAGTGC	X:16191223..16191250	GATCTCGCACCTGTACGGATTCCG	X:16192006..16192028
<i>P{EP}Cyp1EP1073</i>	CGCATTGTATGCAATTAGTCATGG	X:16213821..16213845	GCATGAACGCGACCATTTATCCG	X:16214521..16214543
<i>PBac{WH}nonA00870</i>	GGGTTCCCTCACGGCTAATGC	X:16260878..16260897	GCTCATCCGGAATACTCACCAGATTCTCG	X:16261565..16261593
<i>P{GT1}BG00710</i>	CGGTATAACTGCGAAGTAACTGC	X:16316402..16316424	CGTTGCGCAATCGTTCCACACCATCC	X:16317166..16317190
<i>P{EPgy2}EY08038</i>	GTGCTGCTGTTTTCGTTACCCG	X:16427074..16427094	GATGCCCGCTGTTATCCTGGCG	X:16427494..16427473
<i>P{EPgy2}mbtEY08341</i>	GAAGTCTATGTTGAGAGAGAAACGG	X:16504426..16504450	GGATGGACAAATCGAGATGCGC	X:16504885..16504906
<i>PBac{RB}r02423</i>	GGATAACTTGATGGCGATACTAATGC	X:16549682..16549707	CTTTAGTACCTGTCACCTCGAAAACCG	X:16550363..16550388
<i>P{EPgy2}AXsEY00887</i>	CCTGACAGTGTCTTAGCTTGGCC	X:16577115..16577137	CGTCACGCGCCACGCAGCTGGG	X:16577773..16577794
<i>PBac{WH}CG18358f05802</i>	CCAATCAATCGCGCACACACCCACG	X:16609614..16609638	CAACGAATGCGTACAGCTTTAACC	X:16610367..16610390
<i>P{SUPor-P}mRbL22KG10050</i>	CGCGACGCGCTGTTGAGAACG	X:16677554..16677574	CAAGTGGATTAGAGGATTGCAGC	X:16678418..16678440
<i>P{SUPor-P}CG4768KG09304</i>	GAACATAGTGATTCGTGACTGGTTCCG	X:16685900..16685925	CCCTTCCAAGTTACGGGTTCC	X:16686531..16686551
<i>P{SUPor-P}KG04053</i>	CAAACCTGCTTAACTTACGAATATGC	X:16729993..16730018	CAGACAGAAGGTGGAAAGACAGGC	X:16730511..16730534
<i>P{EP}EP1337</i>	CGCGCCCCGTTATATTACATTATGC	X:16837341..16837365	CTCTGCTAAATTGCTAAGCTGATTTCCC	X:16837767..16837740
<i>PBac{WH}CG8945f08057</i>	GGGAGTACTCACCCGACGAGC	X:16980041..16980061	GGCCAAATACACGTAGGAAGAAGCG	X:16980768..16980744
<i>Mi{ET1}CG4991MB03239</i>	CCGACCGGAGAAGTTTAGCACC	X:16997281..16997302	GATTGAGCTTGGGAACGACCAGC	X:16997887..16997909
<i>P{EPgy2}bazEY09846</i>	GCTCTTCCATGAATTTTCGTGAGCTAATCC	X:17070780..17070810	GTTAGTTAGCTAGGCATTTATTCGCG	X:17071658..17071633
<i>Mi{ET1}CG5172MB05660</i>	GATGCTGACTTGTGTTCCATGGC	X:17116553..17116575	GACACCACTATCCACTGCTCAACC	X:17117104..17117081

<i>P{XP}Fim^{d02114}</i>	GCTCCACGTTGAGAATATCGGCC	X:17185337..17185359	CGCGTTTTCTAAAGGTGTTTCGTCTGCC	X:17185864..17185838
<i>PBac{WH}CG8557⁰³⁹⁴⁸</i>	CGCTGATTATGAGGATGGCACGC	X:17370704..17370726	GCACCTTGTCTAATTTATGCCTCG	X:17371436..17371413
<i>PBac{RB}X11L^{e03317}</i>	CTTGTACTATCCGTTCCGAATGTTGC	X:17493278..17493302	GCACACTCCTTCAGCAACTCG	X:17493693..17493672
<i>P{SUPor-P}CG32556^{KG01967}</i>	GCTACGTGGTCACATAGATACACC	X:17575254..17575277	GTGCACACTCTCCCGAAGGCG	X:17575754..17575734
<i>P{SUPor-P}KG00022</i>	CTCACACGCGGACATTTGGAGCCG	X:17592431..17592454	GCGGCTTGTCTCTGCCGAAGTTAGG	X:17592920..17592895
<i>P{GT1}e^{(y)1BG00948}</i>	CTTGGCTAGAACGTGGCGCTCCAACGG	X:17736655..17736629	CACTAGACGTCTGCATCGATAGTATCGC	X:17736155..17736182
<i>P{SUPor-P}mnb^{KG04573}</i>	CCGTTTTTCCAGCGGCCACACACGGC	X:17781089..17781114	GCCGCTATTAGCACTGGCTTGCAGG	X:17781523..17781499
<i>P{EP}EP970</i>	CGAGCATACTGCGAGCTGC	X:17805012..17805030	CAAATGTCACTTGCACGCCAAACGC	X:17805791..17805767
<i>PBac{RB}CG7192^{e04401}</i>	GTCAACGCAGCATCCACACACATCC	X:17995075..17995099	CACTATACCATAGATTTCTCAAATTGCC	X:17995501..17995474
<i>Mi{ET1}MB05922</i>	CACACTCCGCAATAACGAGTCGACCG	X:18067979..18068004	CACAATAATTGTTATCATCGACGTTGCC	X:18068543..18068516
<i>Mi{ET1}CG33639^{MB04209}</i>	GAATGGCCATCGGCGAGACGCAGACC	X:18107466..18107491	CGTTTGCCATCCAGGATTTGCTCGACC	X:18108028..18108002
<i>PBac{WH}CG6179⁰⁸⁰²⁵</i>	GATGGCTGCACGCAGCTCTGCAGGC	X:18273551..18273575	CTTCTCGTTGTAGGTGTACACGGC	X:18274277..18274254
<i>PBac{WH}CG32547⁰⁶⁴⁰⁸</i>	GCTGAACTTGGTCGGCACTGAAAGTCG	X:18352471..18352497	CCATGATCTCCACATCCTGATCGC	X:18352991..18352967
<i>P{EPgy2}Wnt5^{EY03178}</i>	GCGATTCCATTCAAGACGATTCAGTTCCG	X:18399005..18399032	CCGTAGGTACGTGTGAAGCTGCTTCC	X:18399796..18399771
<i>P{SUPor-P}CG6461^{KG03971}</i>	CTCTTGAGTTGCACTTTCTTAGGCC	X:18400752..18400776	GGCCGAACCTGTGCGCAACCATGTTG	X:18401285..18401260
<i>PBac{RB}wgn^{e00637}</i>	GCAATAAACATCGATGATATGGAGGAGG	X:18526115..18526142	GCTTGTGGCTTTGATCCCGTAGTG	X:18526876..18526852
<i>P{SUPor-P}KG01373</i>	GCATTGGCATAGTAGTCGAGCAGTGC	X:18667730..18667755	GCGGCTGATTTGATGATTAGCGCGG	X:18668339..18668315
<i>PBac{WH}CG7101⁰¹¹⁹⁷</i>	GGCGAAGAAGCCGGCCAAGAAGCG	X:18724761..18724784	GTAGCAGCAGTCCAGGGCACTGCGTTCG	X:18725506..18725479
<i>P{SUPor-P}CG32541^{KG02698}</i>	GTGCTTCGAACACGGTCCACACGGGC	X:18823963..18823988	CGCACCGAAGAACGGGTGGTCAAAAACCG	X:18824772..18824744
<i>P{SUPor-P}RhoGAP18B^{KG00160}</i>	CCTGACTATCGCTGTCCCTCTTCGCC	X:19047385..19047410	CCAGCGCGCGATCCTTCATCCTCCG	X:19048071..19048047
<i>PBac{WH}Mec2⁰⁶³⁴²</i>	CAATCGTTGAGCACGGATTACCAGCC	X:19083868..19083893	GGCTGTTTTCTTTGTCCGCCATCGTTTAG	X:19084330..19084302
<i>P{GT1}BG01439</i>	GGACACATCATTTGGGCACAGACCC	X:19114334..19114357	GGAACATAGATCAACCTACTACTCGC	X:19115069..19115044
<i>P{EPgy2}ric^{torEY08986}</i>	CAAGAGGAGGTGCACACATGCATGC	X:19153875..19153899	CGGTCCGCACAGCATAGAGAGAGCC	X:19154382..19154358
<i>P{EPgy2}gfA^{EY10801}</i>	GGCTTAAGTGGTTCTGCATTAGC	X:19235474..19235496	CTTCAACTGACAGGTGTGCCCGG	X:19236086..19236064
<i>PBac{RB}CG32533⁻⁰⁰⁹⁰⁴</i>	GCTCCTATCGTCACTTGAATGGG	X:19368749..19368771	GAAGTAGTTGGCCACGCTAGTTGGC	X:19369403..19369379
<i>P{XP}l(1)G0156⁰⁶⁰³⁹</i>	GCTGATAAGGCCGCAAATCAGGG	X:19415066..19415088	CAGCAGTTGATTACGTGCTGGCC	X:19415616..19415594
<i>P{EPgy2}CG14204^{EY05761}</i>	GCCCCGTGCCACTTCGCGTTCGC	X:19478642..19478663	GTGCTGCAGGCGCCATCTATCG	X:19479376..19479355
<i>P{SUPor-P}MKP-4^{KG03420}</i>	CTCCGCAAGCTGAAAGTACTCCGG	X:19516790..19516813	CGAATCCAGCGTGAGGATGTGGG	X:19517523..19517501
<i>P{SUPor-P}KG05538</i>	CCAAATACGACGTGATTCTAGGTAGG	X:19560935..19560960	GCCCAAAGCTGCGATACTCACCTTCC	X:19561674..19561649
<i>P{EPgy2}meso18^{EY07842}</i>	CGTCTAGAGCGTGGCGATTGTGCG	X:19606268..19606291	GGAATCTCAGGACGCGGACTACGG	X:19607025..19607001
<i>P{SUPor-P}CG12703^{KG08105}</i>	GTGATAACTTGTTCGATAGCTCTTCG	X:19644723..19644748	CTTCTGTACTACAACCTGGTGGTGG	X:19645089..19645065
<i>P{SUPor-P}CG32529^{KG03876}</i>	CACACGGACGGAATGGACCTCACCG	X:19769718..19769742	GCGATTTACACTAGTGTGAAATTGGC	X:19770395..19770369

<i>P{SUP^{or}-P}KG10095</i>	GCATTGCCGACCTTTGAGCTGTGC	X:20631444..20631467	GTAAACCTGAATTGAGCATTGCTAGC	X:20632215..20632241
<i>P{SUP^{or}-P}KG06210</i>	GTGGATATGGATGTGTGGCAGG	X:20795940..20795961	CTCCAATCCCCTTCCCTTTGTTGC	X:20796429..20796453
<i>P{SUP^{or}-P}bves^{KG09159}</i>	GATCACTGACAGCTCAATTAGCACTG	X:20942269..20942294	CATTCGCACTCGAGAGCCATTGAACC	X:20943012..20943037
<i>P{GT1}BG02205</i>	C TTGCATGTCCAACAAC TTTACAGCC	X:21075861..21075886	GTGATTGGTTGTTGTGTAAATGGGCC	X:21076293..21076318
<i>P{SUP^{or}-P}CG33713^{KG06423}</i>	CTCGTTCTCGATCTTCTCCAGCGCGG	X:21189930..21189955	GCAGCTTATGCTTACTAGACATCAGCG	X:21190646..21190672
<i>P{SUP^{or}-P}slgA^{KG07965}</i>	CCTTTGCAGCTGCAACTGTCCGAGG	X:21253567..21253591	CGGCTGGAAGTAAGTCTGCTCCG	X:21254094..21254116
<i>P{EP^g2}EY09781</i>	CGCACAGGTCTTGAAGGCATTGCC	X:21443126..21443149	GTTTCTAGCAGCCCCCTTCGCACCG	X:21443688..21443712
<i>Mi{ET1}DIP1^{MB00541}</i>	CATTGGACAAATACTCACTCTCATCAAG	X:21495758..21495785	CCTTTTCTGTCAAAGTGAAGAGGC	X:21496197..21496220
<i>P{GT1}flam^{BG02658}</i>	GAATATGGGACAGCTCGACTCG	X:21502251..21502272	CTTGCGTCCATAACCGAAACG	X:21502999..21503018
<i>P{Mae- UAS.6.11}CG14619^{GG01842}</i>	CATCGCTCGCGCGCACAAATCTCGGC	X:21858117..21858141	GTGCCGCCAGGCTGTCTACGCTCC	X:21858613..21858636
<i>P{GT1}BG01274</i>	CTAGTGTATTTGCCTTCACCATAATCG	X:21961730..21961756	GAGCGAGGAATATCTGATATGCGG	X:21962214..21962237
<i>PBac{WH}f02323</i>	GATGGCGGTGTCTTGTCTCTGGC	X:22366703..22366726	CCTGTGACATTAATGCAGGCGACGG	X:22367213..22367237