

7 Appendix

7.1 STS markers used to generate oligonucleotide probes

AA494580	fa10d07.s1 Zebrafish ICRFzfls Danio rerio cDNA clone 12C20 3', mRNA sequence.
AA494720	fa11g07.s1 Zebrafish ICRFzfls Danio rerio cDNA clone 25G13 3', mRNA sequence.
AA495459	fa09g08.s1 Zebrafish ICRFzfls Danio rerio cDNA clone 22M12 3' similar to SW:YDHD_HAEIN P45085 HYPOTHETICAL PROTEIN HI1165. ;, mRNA sequence.
AA497290	fa03e05.r1 Zebrafish ICRFzfls Danio rerio cDNA clone 1K19 5', mRNA sequence.
AA566274	ZF-E359 zebrafish embryonic Danio rerio cDNA clone ZF-E359 5' end similar to cartilage matrix protein, mRNA sequence.
AA605655	fa21b09.s1 Ekkerpost segmentation zebrafish embryo Danio rerio cDNA clone 1036313 3', mRNA sequence.
AA605749	fa18f11.s1 Ekkerearly gastrulation zebrafish embryo Danio rerio cDNA clone 1036077 3', mRNA sequence.
AA605872	fa20g08.s1 Ekkerearly gastrulation zebrafish embryo Danio rerio cDNA clone 1036286 3', mRNA sequence.
AA605878	fa20h06.s1 Ekkerearly gastrulation zebrafish embryo Danio rerio cDNA clone 1036283 3', mRNA sequence.
AA605970	fa14c08.s1 Appel Eisen zebrafish embryo 15 19hr Danio rerio cDNA clone 978446 3', mRNA sequence.
AA606026	fa14g04.s1 Appel Eisen zebrafish embryo 15 19hr Danio rerio cDNA clone 978486 3' similar to gb:X16940 ACTIN, GAMMA-ENTERIC SMOOTH MUSCLE (HUMAN);, mRNA sequence.
AA606160	fa28a07.s1 Ekkerpost segmentation zebrafish embryo Danio rerio cDNA clone 1036980 3' similar to TR:G51331 G51331 HLX HOMEO BOX PROTEIN, PUT. TRANSCRIPTION FACTOR INVOLVED IN EMBRYOGENESIS AND HEMATOPOIESIS. ;, mRNA sequence.
AA658744	fa66f11.s1 zebrafish fin day3 regeneration Danio rerio cDNA clone zbr2470 3' similar to SW:ROU_HUMAN Q00839 HETEROGENOUS NUCLEAR RIBONUCLEOPROTEIN U ;, mRNA sequence.
AB046201	Danio rerio DNA, chromosome LG20, z4394, sequence tagged site.
AF035481	Danio rerio connexin 43 (Cx43) mRNA, complete cds.
AF101266	Danio rerio DNA binding protein (sox25) mRNA, complete cds.
AF132445	Danio rerio signaling molecule lefty2 (lft2) mRNA, complete cds.
AF153446	Danio rerio kit receptor tyrosine kinase mRNA, complete cds.
AF287006	Danio rerio T-box brain 1 mRNA, partial cds.
AI105861	ab01b07_t3 ZF adult heart library Danio rerio cDNA 5 prime similar to 40S RIBOSOMAL PROTEIN S23, mRNA sequence.
AI330373	fa91e11.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.
AI330393	fa92b04.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.
AI330447	fa95b03.x1 zebrafish fin day3 regeneration Danio rerio cDNA 3', mRNA sequence.
AI330882	fb05c09.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3' similar to SW:MIA_RAT Q62946 MELANOMA DERIVED GROWTH REGULATORY PROTEIN ;, mRNA sequence.
AI331220	fa94h05.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.
AI331267	fa97b09.x1 zebrafish fin day3 regeneration Danio rerio cDNA 3', mRNA sequence.
AI331300	fa98e08.y1 zebrafish fin day3 regeneration Danio rerio cDNA 5', mRNA sequence.
AI331454	fa93a08.y1 zebrafish fin day1 regeneration Danio rerio cDNA 5', mRNA sequence.
AI331733	fb01a11.x1 zebrafish fin day3 regeneration Danio rerio cDNA 3', mRNA sequence.
AI332197	fa97b09.y1 zebrafish fin day3 regeneration Danio rerio cDNA 5', mRNA sequence.
AI353122	zeh0062.seq.F Zebrafish Embryonic Heart cDNA Library Danio rerio cDNA 5', mRNA sequence.
AI353190	zeh0152.seq.F Zebrafish Embryonic Heart cDNA Library Danio rerio cDNA 5', mRNA sequence.
AI353296	zeh0300.seq.F Zebrafish Embryonic Heart cDNA Library Danio rerio cDNA 5', mRNA sequence.
AI384155	fb12f11.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI384463	fb14g10.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI384722	fb12a02.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI396632	fb15c10.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI397130	fb16h11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3712101 3' similar to contains element L1 repetitive element ;, mRNA sequence.
AI397323	fb10a06.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI397344	fb10c10.x1 zebrafish fin day0 regeneration Danio rerio cDNA 3', mRNA sequence.
AI415835	fb34f06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3713795 3', mRNA sequence.
AI415962	fb37c12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3714070 3', mRNA sequence.
AI416203	fb19e10.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3712362 5' similar to gb:J00068 ACTIN, ALPHA SKELETAL MUSCLE (HUMAN);, mRNA sequence.
AI437147	fb38c09.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3714160 5', mRNA sequence.
AI437240	fb39c11.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3714260 5' similar to TR:Q91480 Q91480 APOLIPOPROTEIN B ;, mRNA sequence.
AI444373	fb26e03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3713020 3', mRNA sequence.
AI444425	fb38c09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3714160 3', mRNA sequence.
AI476962	fb55h10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715843 3', mRNA sequence.
AI477017	fb54e11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715724 3' similar to SW:RL7_HUMAN P18124 60S RIBOSOMAL PROTEIN L7. [1] ;, mRNA sequence.
AI477315	fb51h08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715455 3', mRNA sequence.

AI477322 fb52a04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715470 3', mRNA sequence.
 AI477411 fb54b02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715659 3', mRNA sequence.
 AI477511 fb57c07.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715980 3', mRNA sequence.
 AI477647 fb58e03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716092 3', mRNA sequence.
 AI496784 fb61c07.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716364 5' similar to TR:Q90323 Q90323 SERINE PROTEASE INHIBITOR. ;, mRNA sequence.
 AI496899 fb63f10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716587 3', mRNA sequence.
 AI496901 fb63g01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716592 3', mRNA sequence.
 AI496926 fb53a08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715574 3', mRNA sequence.
 AI497156 fb62g08.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716510 5' similar to SW:CPJ1_RABIT P52786 CYTOCHROME P450 I1J1 ;, mRNA sequence.
 AI497198 fb48d02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715107 3', mRNA sequence.
 AI497292 fb63g01.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716592 5' similar to gb:M22632 ASPARTATE AMINOTRANSFERASE, MITOCHONDRIAL PRECURSOR (HUMAN);, mRNA sequence.
 AI497432 fb53e02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3715610 3', mRNA sequence.
 AI497546 fb63a10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716538 3' similar to TR:Q92093 Q92093 VITELLOGENIN. ;, mRNA sequence.
 AI497564 fb63c08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716558 3', mRNA sequence.
 AI522382 fb22g03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3712660 3', mRNA sequence.
 AI522388 fb22g09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3712672 3', mRNA sequence.
 AI522518 fb20g04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3712470 3', mRNA sequence.
 AI522694 fb60h05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716313 3' similar to TR:O42309 O42309 GAMMA FIBRINOGEN. ;, mRNA sequence.
 AI522745 fb61f03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716381 3', mRNA sequence.
 AI544464 fb75c04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717702 3' similar to gb:M90309 RAPAMYCIN-SELECTIVE 25 KD IMMUNOPHILIN (HUMAN);, mRNA sequence.
 AI544468 fb75d01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717697 3', mRNA sequence.
 AI544488 fb75f06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717731 3', mRNA sequence.
 AI544597 fb72g12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717478 3', mRNA sequence.
 AI544651 fb77c01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717888 3', mRNA sequence.
 AI544813 fb61h05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716409 3', mRNA sequence.
 AI544997 fb73d07.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717517 3' similar to WP:F15C11.1 CE05637 ;contains element MER30 repetitive element ;, mRNA sequence.
 AI545012 fb73f02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717531 3', mRNA sequence.
 AI545014 fb73f05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717537 3', mRNA sequence.
 AI545038 fb73h08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717567 3', mRNA sequence.
 AI545120 fb74a06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717586 3', mRNA sequence.
 AI545472 fb81g09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3718336 3', mRNA sequence.
 AI545536 fb70a01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717192 3', mRNA sequence.
 AI545545 fb70a12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717214 3' similar to contains element TAR1 repetitive element ;, mRNA sequence.
 AI545711 fb75d01.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717697 5' similar to SW:CSP_TORCA P56101 CYSTEINE STRING PROTEIN ;, mRNA sequence.
 AI546038 fb77d08.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717903 5' similar to SW:DESP_HUMAN P15924 DESMOPLAKIN I AND II ;, mRNA sequence.
 AI558282 fb78b08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717975 3', mRNA sequence.
 AI558314 fb78f04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3718015 3', mRNA sequence.
 AI558899 fb67g03.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3716980 5', mRNA sequence.
 AI584258 fb83b05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3718449 3', mRNA sequence.
 AI584327 fb92b08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719319 3', mRNA sequence.
 AI584331 fb92c02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719330 3', mRNA sequence.
 AI584393 fb93a10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719418 3', mRNA sequence.
 AI584586 fb95h11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719685 3', mRNA sequence.
 AI584766 fb83b05.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3718449 5' similar to TR:P78851 P78851 FISSION YEAST. ;, mRNA sequence.
 AI585077 fb71h08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3717375 3', mRNA sequence.
 AI588128 fb96e05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719744 3', mRNA sequence.
 AI588328 fb99d08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720015 3', mRNA sequence.
 AI588368 fb99h09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720065 3' similar to SW:PFTB_HUMAN P49356 PROTEIN FARNESYLTRANSFERASE BETA SUBUNIT ;, mRNA sequence.
 AI588388 fc01b11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720093 3', mRNA sequence.
 AI588482 fc02g04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720246 3', mRNA sequence.
 AI588546 fb96e05.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3719744 5', mRNA sequence.
 AI601313 fc09e09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720904 3', mRNA sequence.
 AI601443 fc11c11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721076 3', mRNA sequence.
 AI601449 fc11d06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721067 3', mRNA sequence.
 AI601824 fc12d03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721157 3', mRNA sequence.
 AI617548 zehh1770.seq.F Zebrafish Embryonic Heart cDNA Library Danio rerio cDNA 5', mRNA sequence.
 AI626329 fc13f09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721289 3', mRNA sequence.
 AI626609 fc05d08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720495 3', mRNA sequence.

AI629274 fc05b01.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3720457 5' similar to SW:FMO3_RABIT P32417 DIMETHYLANILINE MONOOXYGENASE [N-OXIDE FORMING] 3 ;, mRNA sequence.

AI641033 fc18b08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721719 3', mRNA sequence.

AI641265 fc21g03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722068 3', mRNA sequence.

AI641428 fc14h06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721403 3', mRNA sequence.

AI641589 fc17b12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721631 3', mRNA sequence.

AI641655 fc22a08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722102 3', mRNA sequence.

AI641705 fc22g10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722178 3', mRNA sequence.

AI657699 fc16d03.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721541 5' similar to TR:Q92535 Q92535 PHOSPHATIDYLINOSITOL-GLYCAN-CLASS C ;, mRNA sequence.

AI657765 fc17b12.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721631 5', mRNA sequence.

AI657956 fc19a11.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3721820 5', mRNA sequence.

AI658298 fc21c03.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722020 5', mRNA sequence.

AI658337 fc21h01.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722065 5' similar to SW:CPBJ_MOUSE O55071 CYTOCHROME P450 2B19 ;, mRNA sequence.

AI666944 fc43b06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724115 3', mRNA sequence.

AI667151 fc38c06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723658 3', mRNA sequence.

AI667152 fc38c08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723662 3', mRNA sequence.

AI667344 fc39e08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723782 3', mRNA sequence.

AI667356 fc39f12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723791 3', mRNA sequence.

AI667400 fc43g06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724186 3', mRNA sequence.

AI667501 fc41b03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723917 3', mRNA sequence.

AI721476 fc28b09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722681 3' similar to SW:PUR1_CHICK P28173 AMIDOPHOSPHORIBOSYLTRANSFERASE PRECURSOR ;, mRNA sequence.

AI721569 fc29d04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722791 3' similar to contains element MER22 repetitive element ;, mRNA sequence.

AI721687 fc31a09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722968 3', mRNA sequence.

AI721928 fc25c08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722414 3', mRNA sequence.

AI722296 fc32b07.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723061 3', mRNA sequence.

AI722359 fc26b09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3722489 3', mRNA sequence.

AI723159 fc33d01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3723169 3' similar to TR:Q90311 Q90311 ZP2 ;, mRNA sequence.

AI793363 fc45c07.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724332 3', mRNA sequence.

AI793422 fc47b04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724495 3', mRNA sequence.

AI793475 fc48b05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724593 3', mRNA sequence.

AI793480 fc48c03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724612 3', mRNA sequence.

AI793681 fc51e12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724942 3', mRNA sequence.

AI793969 fc56g06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725434 3', mRNA sequence.

AI794511 fc45c07.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724332 5' similar to TR:O14901 O14901 SP1-LIKE ZINC FINGER TRANSCRIPTION FACTOR. ;, mRNA sequence.

AI877504 fc48b05.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724593 5' similar to TR:O54875 O54875 MYOTONIC DYSTROPHY KINASE-RELATED CDC42-BINDING KINASE MRCK-BETA. ;, mRNA sequence.

AI877511 fc48c03.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724612 5' similar to gb:X04665_cds1 THROMBOSPONDIN 1 PRECURSOR (HUMAN);, mRNA sequence.

AI877788 fc51e12.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724942 5' similar to TR:Q91480 Q91480 APOLIPOPROTEIN B ;, mRNA sequence.

AI878045 fc56g06.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725434 5', mRNA sequence.

AI878156 fc58b05.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725553 5' similar to TR:O57656 O57656 GLYCEROL-3-PHOSPHATE DEHYDROGENASE ;, mRNA sequence.

AI878190 fc58e09.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725608 5', mRNA sequence.

AI878431 fc58b05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725553 3' similar to TR:O57656 O57656 GLYCEROL-3-PHOSPHATE DEHYDROGENASE ;, mRNA sequence.

AI878445 fc58e09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725608 3' similar to SW:MEI2_MOUSE P97367 HOMEBOX PROTEIN MEIS2 ;contains Alu repetitive element; , mRNA sequence.

AI878490 fc59f01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725689 3', mRNA sequence.

AI878549 fc60g09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725824 3', mRNA sequence.

AI882908 fc47b04.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724495 5' similar to SW:LBR_CHICK P23913 LAMIN B RECEPTOR. ;, mRNA sequence.

AI883270 fc44g01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3724272 3', mRNA sequence.

AI883356 fc60g09.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3725824 5', mRNA sequence.

AI883979 fc68e03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3726556 3' similar to contains element MER22 repetitive element ;, mRNA sequence.

AI884180 fc74h10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3727171 3', mRNA sequence.

AI884300 fc76h10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3727363 3', mRNA sequence.

AI943021 fc83b10.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3727963 3', mRNA sequence.

AI943121 fc84g03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3728116 3', mRNA sequence.

AI943246 fc87e07.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3728388 3' similar to contains element MER30 MER30 repetitive element ;, mRNA sequence.

AI957494 fc92e01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3728856 3' similar to gb:M16660 HEAT SHOCK PROTEIN HSP 90-BETA (HUMAN);, mRNA sequence.

AI957536 fc94c01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3729024 3', mRNA sequence.

AI957609 fc95f01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3729145 3' similar to SW:YTX2_XENLA P14381 TRANSPOSON TX1 HYPOTHETICAL 149 KD PROTEIN ;, mRNA sequence.

AI957729 fd02g05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3729752 3', mRNA sequence.

AI959532 fd10g01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3730512 3', mRNA sequence.

AI959609 fd11g11.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3730628 3', mRNA sequence.

AI959629 fd12b04.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3730639 3', mRNA sequence.

AI965310 fc89f06.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3728579 3', mRNA sequence.

AW019272 fd51a09.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3733240 3', mRNA sequence.

AW019490 fd52d02.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3733347 3', mRNA sequence.

AW058875 fe49g08.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3742238 3', mRNA sequence.

AW076961 fj33b01.x1 zebrafish adult brain Danio rerio cDNA 3' similar to SW:SODM_HUMAN P04179 SUPEROXIDE DISMUTASE [MN] PRECURSOR ;, mRNA sequence.

AW077137 fj34b10.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW077331 fj35h03.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW077337 fj35h10.x1 zebrafish adult brain Danio rerio cDNA 3' similar to SW:DOR_DROME Q24314 DEEP ORANGE PROTEIN. ;, mRNA sequence.

AW077433 fj36b10.x1 zebrafish adult brain Danio rerio cDNA 3' similar to SW:T2AA_HUMAN P52655 TRANSCRIPTION INITIATION FACTOR IIA ALPHA AND BETA CHAINS ;contains element MSR1 MSR1 repetitive element ;, mRNA sequence.

AW077459 fj36e03.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW077476 fj36f10.x1 zebrafish adult brain Danio rerio cDNA 3' similar to gb:X15334_rna1 CREATINE KINASE, B CHAIN (HUMAN);, mRNA sequence.

AW077609 fj65c11.x1 zebrafish gridded kidney Danio rerio cDNA 3', mRNA sequence.

AW077758 fj66b10.x1 zebrafish gridded kidney Danio rerio cDNA 3', mRNA sequence.

AW115729 fj99f07.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2599813 3', mRNA sequence.

AW115793 fi03e10.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2600106 3' similar to SW:YS64_HUMAN P49756 HYPOTHETICAL PROTEIN S164 ;, mRNA sequence.

AW115873 fi04e05.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2600192 3', mRNA sequence.

AW116331 fi14c02.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2601122 3', mRNA sequence.

AW116694 fi18g05.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2601560 3' similar to TR:O08688 O08688 CALPAIN 5 ;, mRNA sequence.

AW128231 fe15e05.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3738944 3', mRNA sequence.

AW128366 fe38f01.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3741145 3', mRNA sequence.

AW128464 fe16c04.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3739014 5' similar to contains element MER5 MER5 repetitive element ;, mRNA sequence.

AW153974 fi27h08.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602431 5' similar to TR:O75509 O75509 TNFR-RELATED DEATH RECEPTOR-6. ;, mRNA sequence.

AW153984 fi29a09.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602552 5' similar to SW:Y105_HUMAN Q15007 HYPOTHETICAL PROTEIN KIAA0105. ;, mRNA sequence.

AW153992 fi29b06.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602547 5' similar to WP:T22C1.1 CE06489 ;, mRNA sequence.

AW154321 fi26d06.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602283 3' similar to SW:CBF_MOUSE P53569 CCAAT-BINDING FACTOR ;, mRNA sequence.

AW154406 fi27e04.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602398 3' similar to contains element MSR1 repetitive element ;, mRNA sequence.

AW154500 fi27h02.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602419 3' similar to SW:ZP2_FELCA P47984 ZONA PELLUCIDA SPERM-BINDING PROTEIN 2 PRECURSOR ;, mRNA sequence.

AW154505 fi27h08.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602431 3', mRNA sequence.

AW165132 fe02c03.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3737668 3', mRNA sequence.

AW165201 fe05f12.x1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3737999 3', mRNA sequence.

AW170810 fi33a01.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639400 3', mRNA sequence.

AW171138 fi37h05.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639865 3' similar to contains element MER8 repetitive element ;, mRNA sequence.

AW171263 fi40d03.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2640101 3', mRNA sequence.

AW173892 fi36c02.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639714 5', mRNA sequence.

AW173950 fi37f04.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639839 5', mRNA sequence.

AW174879 fe06g04.y1 Zebrafish WashU MPIMG EST Danio rerio cDNA clone IMAGE:3738102 5' similar to SW:TM21_RABIT Q28735 TRANSMEMBRANE PROTEIN TMP21 PRECURSOR ;, mRNA sequence.

AW174898 fi30a03.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639116 5', mRNA sequence.

AW174998 fi31b03.y1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2639213 5' similar to TR:O95428 O95428 HYPOTHETICAL 133.5 KD PROTEIN. ;, mRNA sequence.

AW175481 fi25f07.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2602213 3', mRNA sequence.

AW184567 fj16a07.y1 Zebrafish adult olfactory Danio rerio cDNA 5' similar to TR:Q08353 Q08353 ECI-6/IKBA PROTEIN. ;, mRNA sequence.

AW184594 fj16d06.y1 Zebrafish adult olfactory Danio rerio cDNA 5' similar to SW:YK61_YEAST P36160 HYPOTHETICAL 39.6 KD PROTEIN IN MTD1-NUP133 INTERGENIC REGION. ;, mRNA sequence.

AW202791 fj22c06.y1 Zebrafish adult olfactory Danio rerio cDNA 5' similar to SW:DOPO_BOVIN P15101 DOPAMINE BETA-MONOOXYGENASE PRECURSOR ;, mRNA sequence.

AW203029 fj05f09.x1 Zebrafish adult olfactory Danio rerio cDNA 3' similar to SW:CMGA_MOUSE P26339 CHROMOGRANIN A PRECURSOR ;, mRNA sequence.

AW232079 fj13d06.x1 Zebrafish adult olfactory Danio rerio cDNA 3', mRNA sequence.

AW232161 fj15b02.x1 Zebrafish adult olfactory Danio rerio cDNA 3' similar to contains element TAR1 repetitive element ;, mRNA sequence.

AW232178 fj15d08.x1 Zebrafish adult olfactory Danio rerio cDNA 3', mRNA sequence.

AW232238 fj16d01.x1 Zebrafish adult olfactory Danio rerio cDNA 3' similar to SW:SY08_PIG P49873 SMALL INDUCIBLE CYTOKINE A8 PRECURSOR ;, mRNA sequence.

AW232364 fj18d04.x1 Zebrafish adult olfactory Danio rerio cDNA 3', mRNA sequence.

AW232835 fj32d01.x1 Zebrafish adult olfactory Danio rerio cDNA 3', mRNA sequence.

AW233538 fj37d11.x1 zebrafish adult brain Danio rerio cDNA 3' similar to contains element MSR1 repetitive element ;, mRNA sequence.

AW233636 fj39d05.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW233702 fj40e09.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW279617 fj42b02.x1 zebrafish adult brain Danio rerio cDNA 3' similar to gb:L19760 SYNAPTOSOMAL ASSOCIATED PROTEIN 25 ISOFORM 2 (HUMAN);, mRNA sequence.

AW279655 fj42g08.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW279725 fj43h12.x1 zebrafish adult brain Danio rerio cDNA 3' similar to SW:REQU_HUMAN Q92785 ZINC-FINGER PROTEIN UBI-D4 ;, mRNA sequence.

AW279774 fj44e12.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW279848 fj45g04.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW279897 fj46d09.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW280013 fj48c02.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW280067 fj49a04.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW280139 fj51c01.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW280200 fj52d03.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW281692 fj53d06.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW281774 fj56e06.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW281877 fj58e07.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW281900 fj59a01.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW281997 fj60e07.x1 zebrafish adult brain Danio rerio cDNA 3' similar to TR:Q9Z2G6 Q9Z2G6 SELLL. ;, mRNA sequence.

AW282047 fj61d12.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW305462 fj64b02.x1 zebrafish adult brain Danio rerio cDNA 3', mRNA sequence.

AW342781 fi87d06.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2644619 3', mRNA sequence.

AW342828 fi89c08.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2644814 3' similar to WP:B0285.3 CE00667 HYPOTHETICAL 17.6 KD PROTEIN B0285.3 IN CHROMOSOME III ;, mRNA sequence.

AW344264 fi76g05.x1 Sugano Kawakami zebrafish DRA Danio rerio cDNA clone 2643608 3' similar to SW:TPR_HUMAN P12270 NUCLEOPROTEIN TPR. [1] ;, mRNA sequence.

AW420686 fj85c06.x1 zebrafish gridded kidney Danio rerio cDNA 3', mRNA sequence.

AW420776 fj86g06.x1 zebrafish gridded kidney Danio rerio cDNA 3', mRNA sequence.

AW420788 fj87a04.x1 zebrafish gridded kidney Danio rerio cDNA 3', mRNA sequence.

AW420851 fj87h02.x1 zebrafish gridded kidney Danio rerio cDNA 3' similar to TR:Q92027 Q92027 ZP3 ;, mRNA sequence.

AW510095 fk14e06.x1 zebrafish fin day3 regeneration Danio rerio cDNA 3', mRNA sequence.

AW567027 fk31a12.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.

AW567317 fk24g06.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.

AW567505 fk28c01.x1 zebrafish fin day1 regeneration Danio rerio cDNA 3', mRNA sequence.

D49971 Danio rerio mRNA for bone morphogenetic protein, complete cds.

G39208 Z17204 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39446 Z22144 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39505 Z22659 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39526 Z22926 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39715 Z8150 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39744 Z10056 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39759 Z10177 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39795 Z10452 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39826 Z10756 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39840 Z10901 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39861 Z11047 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G39962 Z11841 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40025 Z13453 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40047 Z13626 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40056 Z13672 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40058 Z13678 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40081 Z13867 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40149 Z20046 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40181 Z20538 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40185 Z20582 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40198 Z20719 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40220 Z21067 Zebrafish AB Danio rerio STS genomic, sequence tagged site.

G40231 Z21170 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40247 Z21401 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40257 Z21485 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40286 Z22041 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40332 Z3211 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40351 Z3964 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40358 Z4329 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40426 Z6357 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40436 Z6425 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40469 Z6804 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40487 Z6973 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40512 Z7158 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40514 Z7171 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40573 Z7568 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40628 Z8164 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40679 Z8706 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40712 Z8976 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40770 Z9343 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40829 Z9708 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40841 Z9794 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40869 Z9959 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G40870 Z9962 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41158 Z7803 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41163 Z8219 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41180 Z9334 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41189 Z9729 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41408 Z536 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41467 Z3824 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41480 Z4157 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41502 Z4304 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41514 Z4394 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41633 Z9209 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41665 Z7603 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41671 Z7933 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41687 Z8809 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41739 Z21123 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G41824 Z13214 Zebrafish AB Danio rerio STS genomic, sequence tagged site.
G45446 Z23564_1 Zebrafish AB Danio rerio STS genomic clone Z23564 5', sequence tagged site.
G46483 Z12022_1 Zebrafish AB Danio rerio STS genomic clone Z12022 5', sequence tagged site.
G46539 Z14205_1 Zebrafish AB Danio rerio STS genomic clone Z14205 5', sequence tagged site.
G46567 Z14263_1 Zebrafish AB Danio rerio STS genomic clone Z14263 5', sequence tagged site.
G46705 Z14542_1 Zebrafish AB Danio rerio STS genomic clone Z14542 5', sequence tagged site.
G46706 Z14543_1 Zebrafish AB Danio rerio STS genomic clone Z14543 5', sequence tagged site.
G46734 Z14592_1 Zebrafish AB Danio rerio STS genomic clone Z14592 5', sequence tagged site.
G46739 Z14605_1 Zebrafish AB Danio rerio STS genomic clone Z14605 5', sequence tagged site.
G46746 Z14614_1 Zebrafish AB Danio rerio STS genomic clone Z14614 5', sequence tagged site.
G46893 Z14924_1 Zebrafish AB Danio rerio STS genomic clone Z14924 5', sequence tagged site.
G46909 Z14955_1 Zebrafish AB Danio rerio STS genomic clone Z14955 5', sequence tagged site.
G46911 Z14958_1 Zebrafish AB Danio rerio STS genomic clone Z14958 5', sequence tagged site.
G46941 Z15030_1 Zebrafish AB Danio rerio STS genomic clone Z15030 5', sequence tagged site.
G47012 Z15266_1 Zebrafish AB Danio rerio STS genomic clone Z15266 5', sequence tagged site.
G47203 Z15877_1 Zebrafish AB Danio rerio STS genomic clone Z15877 5', sequence tagged site.
G47207 Z15884_1 Zebrafish AB Danio rerio STS genomic clone Z15884 5', sequence tagged site.
G47224 Z17332_1 Zebrafish AB Danio rerio STS genomic clone Z17332 5', sequence tagged site.
G47399 Z24333_1 Zebrafish AB Danio rerio STS genomic clone Z24333 5', sequence tagged site.
G47408 Z24356_1 Zebrafish AB Danio rerio STS genomic clone Z24356 5', sequence tagged site.
G47445 Z24447_1 Zebrafish AB Danio rerio STS genomic clone Z24447 5', sequence tagged site.
G47522 Z25141_1 Zebrafish AB Danio rerio STS genomic clone Z25141 5', sequence tagged site.
G47604 Z25466_1 Zebrafish AB Danio rerio STS genomic clone Z25466 5', sequence tagged site.
G47608 Z25482_1 Zebrafish AB Danio rerio STS genomic clone Z25482 5', sequence tagged site.
G47647 Z25642_1 Zebrafish AB Danio rerio STS genomic clone Z25642 5', sequence tagged site.
G47666 Z25723_1 Zebrafish AB Danio rerio STS genomic clone Z25723 5', sequence tagged site.
G47884 Z26432_1 Zebrafish AB Danio rerio STS genomic clone Z26432 5', sequence tagged site.
G47902 Z26478_1 Zebrafish AB Danio rerio STS genomic clone Z26478 5', sequence tagged site.
G47906 Z26487_1 Zebrafish AB Danio rerio STS genomic clone Z26487 5', sequence tagged site.
G47974 Z26681_1 Zebrafish AB Danio rerio STS genomic clone Z26681 5', sequence tagged site.

G47986	Z27040_1 Zebrafish AB Danio rerio STS genomic clone Z27040 5', sequence tagged site.
G47993	Z27056_1 Zebrafish AB Danio rerio STS genomic clone Z27056 5', sequence tagged site.
U37434	Danio rerio L-isoaspartate (D-aspartate) O-methyltransferase (PCMT) mRNA, complete cds.
U49413	Danio rerio Zg09 gene, partial cds.
U57965	Danio rerio ribonucleotide reductase protein R2 class I mRNA, complete cds.
U66872	Danio rerio enhancer of rudimentary homolog mRNA, complete cds.
U85091	Danio rerio transcriptional regulator Sox-11B (sox11B) mRNA, complete cds.
Z32814	B.rerio mRNA for platelet-derived growth factor receptor alpha.

7.2 Oligonucleotide probes for hybridisation on PAC filters

Oligo name	Acc.-Nr.	Oligo 1	Oligo 2
AA494580-35K	AA494580	GATGTTACTCTGAAATGAAGGTGAGTTTGAGGAGG	-
AA494720-35K	AA494720	AAACGAGGCAAAGTCAGCATTCCAGTCCAGAACAG	-
AA495459-35K	AA495459	TGGGATGATGGTCCATTGATATAAACCCCTCCAAAG	-
AA497290-35K	AA497290	GGGCTGCATAGTTCGGGGTGGATGTGACTGAAAAC	-
AA566274-35K	AA566274	AAGGCAAGCAATCACCCGTATCGAAGGGTTGGCTG	-
AA605655-35K	AA605655	AAAACAGCCCCACCCAACACCATAACACAAAAAAG	-
AA605749-35K	AA605749	AACATAGATAGAAACACATGGCAGTGAAGCAATG	-
AA605872-35K	AA605872	GTGTTAGTGTTTACTCCGTTGCCTGTTCTCTAATC	-
AA605878-35K	AA605878	CTTCAGTTTAACTTGCGGTCAACCCCCAGTTTTTC	-
AA605970-35K	AA605970	TCTGAGGCACGCTGGTTAAAAACAAAAACAATGTAG	-
AA606026-35K	AA606026	ATATACAGCACAAGGCACAGTACAAAGGCATACGG	-
AA606160-35K	AA606160	CGTCATTCAAATCCCAAATCGTCAGAAGTGGTTCCG	-
AA658744-35K	AA658744	CACACGAGGTGGTGCAAGCAACGCTCTGTAGTTTC	-
AF035481-35K	AF035481	GCGTACTTGGATTTGGTGACTGAACTTCAGAGGCG	-
AF101266-35K	AF101266	TGTGGTACAAGGTCACGTGCACTTGTTTAAAGTTT	-
AF132445-35K	AF132445	TCAGTTATGGGACTCCCCAAATCCCCACTGAGCAC	-
AF153446-35K	AF153446	TCGAGTCTTTACACATGACAAAGTCAAAAGTCGG	-
AF287006-35K	AF287006	TTTCAAGGAGGAAAATGGGTCCCGTGCGGCAAAGC	-
AI105861-35K	AI105861	TCTGGCTTTCTACAAAAGGGCAAGAAGGGGAAGAC	-
AI330373-35K	AI330373	ACTCAGGCAAAGGTCTTTCCGCTTTTCCATGCAG	-
AI330393-35K	AI330393	GGCAAATCACTCAGGACAATTTATCTAAGGGTAGG	-
AI330447-35K	AI330447	GCTCGCTCTTCTCATCCTCTTCTCCTCTGCGTC	-
AI330882-35K	AI330882	TCCAACACTACCAGCCCACACGTCTGACCTCTGCC	-
AI331220-35K	AI331220	TACAATGTGCTGCCAGAACAAGTGAAGTGAAC	-
AI331267-35K	AI331267	CACCTGTGGCAAACCTGAAACATAATTGTGTACTG	-
AI331300-35K	AI331300	CCCAACAGACACCCTGGAACCTTCCCCAACCTC	-
AI331454-35K	AI331454	CACACTTGATGAAAACCATCCACAGAAACACTTTG	-
AI331733-35K	AI331733	AACCCTGTACGAGCACACGAGAGAGAAACCAAAG	-
AI332197-35K	AI332197	CGTCTTGGTTTGACTTTTGTGGTGTGATCCACTTC	-
AI353122-35K	AI353122	GACTGCAGAATCACACAGTGAACATGACTGATCTG	-
AI353190-35K	AI353190	TAGCCCTGTCTCGTTGAAATGGTGTTCGGTCTGTG	-
AI353296-35K	AI353296	GAGTCCTGGCTTCCACAAAAATGTCCACAAACCTG	-
AI384155-35K	AI384155	AATGTAACCGTCAGTGAACAGTTTCAGACCGACAG	-
AI384463-35K	AI384463	GAAAGCGATCTCAGTTCTCCAGAGGTTACACTGCC	-
AI384722-35K	AI384722	GCGATCAGCTAAAAATCACAAAGGGGCTGCAATATG	-
AI396632-35K	AI396632	TTCGCCCAACACAAAACACACTCCTAAAAACGG	-
AI397130-35K	AI397130	AGGAACAGTAAAACCATAATGCAGAGGAAATGGGC	-
AI397323-35K	AI397323	AAGAGAGAGTTAAAAGCAGCCTAATGGAAGCACAG	-
AI397323-35K	AI397323	GTACAACACGGGCTATATAAGTAAACAGCATTTC	-
AI397344-35K	AI397344	AAGTGACTACAACACATACAGTACGGCACTTGTTTC	-
AI415835-35K	AI415835	TTTGAGAATGGATATGGACAGTGGTCTCTCCAAAG	-
AI415962-35K	AI415962	TGAAAAACACAAGCTCACCATTTGTCAAAGGCAAC	-
AI416203-35K	AI416203	ACTTCAGGACTCGGGGAGAACGAGCAGAGGCAGAAC	-
AI437147-35K	AI437147	TGGAACATGAAGTCAGTCTGCTCATTGATGAAATC	-
AI437240-35K	AI437240	GGAGAATGGTGCCCTTGTGTGCGGAGCTAACGCTG	-
AI444373-35K	AI444373	ACCAAGGAAATAGCAAGAGAATTGGAACGGCAAAG	-
AI444425-35K	AI444425	ATGAACCATCACAAAGACAGAAAACACAGCAACGAC	-
AI476962-35K	AI476962	TGACTTGCTGTAGTGTTACAGTACAGTACAGTAGG	-
AI477017-35K	AI477017	AAACTCCTGTATTCTTCTGAGGAAACGTCCTACTTG	-
AI477315-35K	AI477315	CAGAACAAACTGTATGAAAGAACTACACGACGCC	-

AI477322-35K	AI477322	ACGCCTCCTAGACACTCAAAATGCAACTTTTCGCAG	-
AI477411-35K	AI477411	CACTTGTAATCTCTTTAAACATGCACGCACACAGG	-
AI477511-35K	AI477511	TCCATGACAATAGATCACCATGATGATGGCTAAC	-
AI477647-35K	AI477647	CTGTTTACTTCGATTATGACCTTGATCGGATTAAG	-
AI496784-35K	AI496784	CCAGTTGGCATCTCAATGGCTTTGAGCTTGCTGGC	-
AI496899-35K	AI496899	AAGTAACCACCAACAGCCTCCCTTGTTCATTATG	-
AI496901-35K	AI496901	CCCCCTGTTTTAGATCAGCTCCTCATTTAAACGCC	-
AI496926-35K	AI496926	TGCATCATAGACAGCACTCTCTGTGTTTCTGTGCC	-
AI497156-35K	AI497156	CAAAAATAGGACTCCATCCAATTACCCACCAGGAC	-
AI497198-35K	AI497198	TGTTACACAATGGGTGGGGCATAAAAACATGACAG	-
AI497292-35K	AI497292	TGTGGTAGGCTTCACAGTGGTTTGTAAAGGATGCCG	-
AI497432-35K	AI497432	TAATCATTTCCTTTGCTACAAAACGCAGATGGTC	-
AI497546-35K	AI497546	CATTCCTCAATCCTCCTTAATGTACTTGTGAATCC	-
AI497564-35K	AI497564	GAACAGTGATGGGGAGATGAATATCCCTTTTTGAC	-
AI522382-35K	AI522382	TCAAAAGCATAGAGCACATTTCGTACTTCAAAGACC	-
AI522388-35K	AI522388	CAAACATGCGAAAGGAAACGAGATGAATCACACAC	-
AI522518-35K	AI522518	ACAGAAATGCTAAAGAGCCGAATGATTTTACGATCC	-
AI522694-35K	AI522694	ATGACCATCGGGACTTGCGTATGAATCTTTTACTG	-
AI522745-35K	AI522745	CTGCTAATGCTCACATTGATTTTAAATCTTGCTCGG	-
AI544464-35K	AI544464	CGAAGATCAGCTTGGCGTTGGGAGGAATTTGGCG	-
AI544468-35K	AI544468	AAAAACAAGAGGAAGGTAGCGATGTAGTGTGATGG	-
AI544488-35K	AI544488	AACCAACAAGCAGGGCATAAAAACAATTAAGGCAG	-
AI544597-35K	AI544597	GAGGTGAGGCTCATGCTACTGGTAAATAACATTCC	-
AI544651-35K	AI544651	ATTACAAAACCTTACCATTATGTTGGGAGTGCAGTG	-
AI544813-35K	AI544813	TATTTTGTCTGTCATGTTGACAGCAGTGGTGTGG	-
AI544997-35K	AI544997	GAGAAATGCCCTTGATGCCCTAAGGTCTTAGCTG	-
AI545012-35K	AI545012	GTAAACATCGTCACACATCCATCAGCCGACAAATC	-
AI545014-35K	AI545014	GTCATAAAACGAGTGCAAGTTGACTTGAATGACC	-
AI545038-35K	AI545038	GGATGTCAGCTTGGTTGAGTGTGGTCTGAAAAATC	-
AI545120-35K	AI545120	CTGCTTAAAGAGAAAGCTCCTGAGGATTGACTGC	-
AI545472-35K	AI545472	TACTGGCATTTAGTGCATGTGCAGAGTAGATAAG	-
AI545536-35K	AI545536	GAGTTATGTTGAGAAGCAGCATGGTTGCTCAGTGG	-
AI545545-35K	AI545545	CTTCCCTTACCAGATACAACCAATATCAATAAGGC	-
AI545711-35K	AI545711	CTTGAATCATGGCAGACGCCAAGCCGCCCTCTGAC	-
AI546038-35K	AI546038	GGACATGCAAACAGGCATTCAAGTACAACCTGAAAG	-
AI558282-35K	AI558282	CTAGAGGACTAATAGAAATCCATGAGCCATTACCC	-
AI558314-35K	AI558314	CTGCCAAAAGACTTCAGTTCAAGCAAAGAACAATG	-
AI558899-35K	AI558899	ATCATCTCTTCAAATGGAAGATAGAGCCTTCTGTG	-
AI584258-35K	AI584258	CACAGAGAAGGCACAGGTGTTTGTGGGCATCCAGC	-
AI584327-35K	AI584327	GTCTAGGTAATGACCATACAGTTTCTCAACTGGG	-
AI584331-35K	AI584331	CCTTTGCTCAGCATTGCTTTGCAGTTATCTGAAG	-
AI584393-35K	AI584393	GGGGGAGTGTCTTGAGATTCCATGCCGAACATATTC	-
AI584586-35K	AI584586	n.a.	-
AI584766-35K	AI584766	CGAACCAAGGCAGTGAGACAGAGCTGATTCTGGAG	-
AI585077-35K	AI585077	TTTCCTCATTCAAACCTTCAACAGACCCAACACC	-
AI588128-35K	AI588128	TCTGTTCTGACGACACATCGACTTATACTTATCCC	-
AI588328-35K	AI588328	ATTACAGGATCGACCGATGACTAAGTGCCCGCTTC	-
AI588368-35K	AI588368	ATCCACTGCCACGTACACTTTGGGAACATTTTGCC	-
AI588388-35K	AI588388	TCCACCATACAAACAGTTCAACAACATTCAAGCCC	-
AI588482-35K	AI588482	AGGGATAATGGGAATGTAAGAGTTTCGACACTAGCC	-
AI588546-35K	AI588546	CAGTCATTTCCAGTGTAGACATGGCATAAATGTTC	-
AI601313-35K	AI601313	CAGAACAAACTGTGTGAAAGAACTACACGACGCC	-
AI601443-35K	AI601443	TCATCCATCAGGTCTACAGATCACAGCACTGTG	-
AI601449-35K	AI601449	GTCTCTAACGCTCGCTGAACGTAAGGCTCTATG	-
AI601824-35K	AI601824	AGGAACAGTAAAACCATAATGCAGAGGAAATGGGC	-
AI617548-35K	AI617548	CTCATAACTGACATTTTGGCAGCATGGCAGGCGGG	-
AI626329-35K	AI626329	TGACTGACTTTTTTCGTACACCTGTAATTCACAC	-
AI626609-35K	AI626609	GGAGCGAGAGATCACAGCCTTGGCTTTGGGGTTTG	-
AI629274-35K	AI629274	GCACCCCATACCAAGTTTCGCTTGCATGGACCAGGC	-
AI641033-35K	AI641033	TCACCTCAGAGGGGTATTACATCATTTAATGACAC	-
AI641265-35K	AI641265	GCTGGACACTAGCAAACAACCCCTCAACGCAAAC	-
AI641428-35K	AI641428	GGTCAAAAGCAGAGGACCAATTTGAGTATGGGAG	-
AI641589-35K	AI641589	TTCCGTCAAGGAGATACACTTCACTCACACAAACCC	-
AI641655-35K	AI641655	GGCACTACGCCGCTGTAGTTACAACCTGGAAAAATC	-
AI641705-35K	AI641705	AGGCTGTAAAACCCCTCACTGCACACACATTACAC	-
AI657699-35K	AI657699	TGTTGGAGCGAGGGACGGGTTTGGGAAGCCTTTG	-

AI657765-35K	AI657765	TCTTACACTTTTCATTGCGTTCCTGCCTGTTTCGCTC	-
AI657956-35K	AI657956	CTATTGTAGGCAGTGGTTGCAGGCTTTCAGCTTTC	-
AI658298-35K	AI658298	AAAGCCTCATTGAGAAGCCTTCAGTAGAGTCAGCC	-
AI658337-35K	AI658337	CATTCCCTGCAAAGTCGATTTCCACCTGGTCCAAC	-
AI666944-35K	AI666944	CTCCCGTGTTTTGTCTGATGGTCTGTGTTGACTG	-
AI667151-35K	AI667151	GAAATCCAAAACGTGCTGACAGAAGAGCTGCATGTG	-
AI667152-35K	AI667152	GCACATTCTGCCAGCTAAAATGAGCAATTCGTCCC	-
AI667344-35K	AI667344	TTAACAGTTGTGACTTCACCATTTGTGCCTTACC	-
AI667356-35K	AI667356	TCCAAGTGCTGATTGTGTCTCTTTCCAGGGTTAG	-
AI667400-35K	AI667400	ATGACACAATATAAAAGAGATCAAGGGTGGGGGGG	-
AI667501-35K	AI667501	CCCAAAAGGGTATATGCAGAGCTAGTGTTCCTTCC	-
AI721476-35K	AI721476	CCTTCAACGGACAGATAGGGCACACTTGTGGCACC	-
AI721569-35K	AI721569	TTCTACAAAGATTGGTGGGAGGGAGCGAGGGTGAG	-
AI721687-35K	AI721687	GCCTCCTTCGGAGACGTTTTTGGAAACATTCACAC	-
AI721928-35K	AI721928	AGCCCGTAATACTCGACTGCATGGATTTCCCAAAG	-
AI722296-35K	AI722296	GCCTATACAACTTCAAATAAACCTACAAGCAACTC	-
AI722359-35K	AI722359	GGACTGAGTTCTACCACTTGAGGAGAGGCTTTCCC	-
AI723159-35K	AI723159	CACCACAGTAACTTGTCCACTAGACACCACGGCAG	-
AI793363-35K	AI793363	ATGGTTTACACGTTGTGTTACAACCTGTCTGCATGG	-
AI793422-35K	AI793422	CGGCATTTACACAGAAACTGCTTGTCAAATAACAC	-
AI793475-35K	AI793475	CGTCCATCTGATGAAGCAGACAAGTGAATAACGGG	-
AI793480-35K	AI793480	GGCAAACGTTTTATACAGATGGAATCCCCTCCGTC	-
AI793681-35K	AI793681	CTTCAGTGAAGTGTCCATTGGCTTCGATGTCCAAG	-
AI793969-35K	AI793969	TAGGACCAAACGCTGCCCATGTTTCTTTTATTC	-
AI794511-35K	AI794511	GTGCCCGTGCTTCGCATCACAGTTGTCTTCCCGAG	-
AI877504-35K	AI877504	TTCAGCAACAACCTCCTCGGATGGCTGTGACCTGGC	-
AI877511-35K	AI877511	GCCTGTTCTGTTGATGGATGTCTTTCGAGTCCGTG	-
AI877788-35K	AI877788	GACCTTGACACAAAATATGCTGGACTGCTCAGTGG	-
AI878045-35K	AI878045	CCGCTGGGGGCACCTTTTTCGTATCTGAAATGTCTC	-
AI878156-35K	AI878156	AATCTGCATTATCGGCTCTGGCAACTGGGGTTCTG	-
AI878190-35K	AI878190	CATCCACAGGCATTATAAATGAACGGAAATTCAGC	-
AI878431-35K	AI878431	CTTGTAAAGCACTTTAGCATTGGCTCCGAAATGAC	-
AI878445-35K	AI878445	GAAGAGGAACGGCTGCTGTTTGCCTTACGTTGAG	-
AI878490-35K	AI878490	GATTGGAAATAATGCCCAAGAGTGGCTTAATGC	-
AI878549-35K	AI878549	AAGGAGGGAACCTGCTGGCTTTGAAAGAGGAAGAAC	-
AI882908-35K	AI882908	ATGCGTTACTCCTCACGGCTGTGGCAGCAGGTGTC	-
AI883270-35K	AI883270	GAGACGGGCTATGCTCTGACCTCTATTGCCTGC	-
AI883356-35K	AI883356	ATGTGAGGAACCGGAGGACAGGGAGAGCAAGAGAGG	-
AI883979-35K	AI883979	TCTCGGACTCTACAAAATGGAAAACCTCAGTTGGG	-
AI884180-35K	AI884180	CGTTCTTACATTTAGGACCATGTTACTCCAATAC	-
AI884300-35K	AI884300	CGTCTCTCATGGAGCTACATCAGTTACTGTTTTAC	-
AI943021-35K	AI943021	TCCGAACAGCAAACCTCTCATTGTCTCAGTCTCCG	-
AI943121-35K	AI943121	CAAACCAGAGAGAAATGTGTGAAGGGGAAGGGAGG	-
AI943246-35K	AI943246	CACCTAATTGCAGAGTAAAGTTCATAACTACACCG	-
AI957494-35K	AI957494	ATGCAAGAGCAGACACACAAGGCAATTACAAGGAC	-
AI957536-35K	AI957536	TTAAAACGCCCCCGTCTGGCACTGTGGAGCAGTAG	-
AI957609-35K	AI957609	GGTGACTGCCCGTTTGTCCAAGTGGAAATCGTTAC	-
AI957729-35K	AI957729	TTGCAGAGAGCAGAATGCGTTACTGTATGATGGTC	-
AI959532-35K	AI959532	TGTCTTATGCTCCACAACCTCAGATGTAATGTCAG	-
AI959609-35K	AI959609	TCTCATCTTCATTACAGCTCTTGATGAACCCAAC	-
AI959629-35K	AI959629	GAGTCCCTGACCCAGCCACAGTACATTATCTGCAC	-
AI965310-35K	AI965310	CTCAGATCAGGGAACCTTGACCGTGTGGATGCGAC	-
AW019272-35K	AW019272	TAACATTTAGCCAATAATAGCAGGGGGCGTTTACC	-
AW019490-35K	AW019490	GCAGACAAGGAGCCATAGATTACAGATACAGAACC	-
AW058875-35K	AW058875	CGGGTAAACACAAGCTAGTTGAGCACAGAGAGTCC	-
AW076961-35K	AW076961	CTCGGTTGCTCTCTTTTCTCTCCCAAGTGTGGTGC	-
AW077137-35K	AW077137	ACACCGCAAGCACAATCCACAGCATGGAGTATAAG	-
AW077331-35K	AW077331	GGTTTATTCCATTCCATGTGAAGACGAACACCAC	-
AW077337-35K	AW077337	TGCAGCTCAAGCAGAAGCGTCTCTCCTTACAGAGCC	-
AW077433-35K	AW077433	AGCACAGTAGCATTGGGACGTTACTCTTACAGCACC	-
AW077459-35K	AW077459	AAACCACTGAGTCCACGTGACAGTCTGGCTTAATG	-
AW077476-35K	AW077476	CCACCATCTGAACCAGCTCAACCTCAGAGAAGCCC	-
AW077609-35K	AW077609	TGATTAGTTGCTCTTAACAGATGCCTCACTGCC	-
AW077758-35K	AW077758	CAGTCAGTAGAATGTCCGCCCTTTTTCGACCCG	-
AW115729-35K	AW115729	CCTGGCATTGAGTGAAGACAGAAACTGAGCAAAC	-
AW115793-35K	AW115793	GGGGGGAAACTCTTTGGTTCCGATAGTGAGGGGGC	-

AW115873-35K	AW115873	CAGGCTCACATTTATCATGGCAATCAACGTCATTC	-
AW116331-35K	AW116331	ATGGTATATATGCACTTGAGCCGTGCTGTCAGTTG	-
AW116694-35K	AW116694	ACAGGTGCATTTTGCATCCAAGAGACATTTCCCGAG	-
AW128231-35K	AW128231	TCATTCGGTTGTGTAATAAGAAAACTACCCCCCC	-
AW128366-35K	AW128366	CACTCGTTTCTATCCCCGTACCTATTGACCACCC	-
AW128464-35K	AW128464	TAATGAGTTTCTGTGTTGGGCTCACATATTGACCG	-
AW153974-35K	AW153974	AGCCAGACTTCAGTCCACAGAACCATCCATCATCG	-
AW153984-35K	AW153984	TGGCGGACGGGCTACCTTTCGTCTAAATAAATTAC	-
AW153992-35K	AW153992	TCTGCCGCTGTTAATTCGTGATCTCGGAAACGGTC	-
AW154321-35K	AW154321	TCCTCGACTTAGCCATCACACTGCTCGCAAAGTCC	-
AW154406-35K	AW154406	CGCACAACAACCACATCTCGCTTTACCAATTCCAG	-
AW154500-35K	AW154500	CGGTCAATTAGCCACATGGTCTGCGAACTTTGTTTC	-
AW154505-35K	AW154505	TACTGGTTAGGTTTAGGGAAGGGGGTGAGAGGGGG	-
AW165132-35K	AW165132	TGGTGCCTGTATGTTTTATTCAAGCAGACAAACAGC	-
AW165201-35K	AW165201	AATCCAGATGGTTCCACTCGGGTGTGTGGGGTTC	-
AW170810-35K	AW170810	CCAGAATGGAAGAAAGCAGAAGCTGGATAAGAGCG	-
AW171138-35K	AW171138	ACGGTTGTGTCTCAGAATAAACCCCTTCAGTCCGC	-
AW171263-35K	AW171263	CTACCATCCTGCTCTATTTGGACTTCTGCTAACCC	-
AW173892-35K	AW173892	CTGTCTCCATCAGAGCCGTCAACAAACGCACGTC	-
AW173950-35K	AW173950	GTTTACCGTACTCGGACTCATCGCTCTCTTCTCTCG	-
AW174879-35K	AW174879	GGTTCCTGTGCTTTTGTCTCGCTCTCACTGTTG	-
AW174898-35K	AW174898	ATTTCACTTGGGACAGCAACGACAACACACAGGC	-
AW174998-35K	AW174998	GTGGAGGAGTCGCTGTGAGAACAAGGATCTGCAAC	-
AW175481-35K	AW175481	AGAGCAACAGGAACAGTTTCTGGGAGAAGGAAAGG	-
AW184567-35K	AW184567	GGACACGAAAAACAGGAAAACGCAGCAGTGCAGG	-
AW184594-35K	AW184594	CATCAAGGGAGGAAACACCAGCAGCACTGTCAGCC	-
AW202791-35K	AW202791	GGCTCAGGAAGACCTCTTCTGCCTTTCTCTGAAC	-
AW203029-35K	AW203029	CTTCAGGAAGCAAGCAGGATAAAGCAAAGCGGAGC	-
AW232079-35K	AW232079	TGGACCGTCAGACTCCGTGAAGGAAAACTAGCG	-
AW232161-35K	AW232161	ATTCACACAGCATTCCCACGTTTTTCATTTTCAGGC	-
AW232178-35K	AW232178	GTGACAGTCATTTTAGGCAATAAAAGCATAAACCC	-
AW232238-35K	AW232238	AAAGAGAAGAGCGTTCTCATCTTAGGGGCTGTCCG	-
AW232364-35K	AW232364	AATGGAGCTACACTGACGCTGGTTAAGTTTAACAC	-
AW232835-35K	AW232835	CAGGAAGGCACTGTTTCGCTTTTACATCCATCGC	-
AW233538-35K	AW233538	TGCCACTACCGTTTGGGTGGAGTGTATGTTCTTGG	-
AW233636-35K	AW233636	CCTGTGAAACTTAAAAGCGGTACAGTCGCAAATTC	-
AW233702-35K	AW233702	TTGTTGAAAAGCACACTGCAAAGTAGCACAAAGGG	-
AW279617-35K	AW279617	AACTTCACAAGTGAGCAAGAGCCATCGAGTCAGC	-
AW279655-35K	AW279655	AGGATACACGAAACGCTTATGGCGGTCAAGAGATG	-
AW279725-35K	AW279725	ACAGTAGTCATTAGGGATGATCGAACCATCAGGCG	-
AW279774-35K	AW279774	ACACAACAAAGCATCCAGTACCTTTTCTCCCAAG	-
AW279848-35K	AW279848	GCTACAAAATGTCAACCACTTCACAGACTGACAGG	-
AW279897-35K	AW279897	GTGGAAAAGAGGCTCGGTGTGATTTGTGCAGTTTG	-
AW280013-35K	AW280013	TGTTTCCATCCCTTCGCACGGCTTCTTTAAGTCAC	-
AW280067-35K	AW280067	GCTGGTAAGGTATGTTTTGATGCTGGTCTTGCTGG	-
AW280139-35K	AW280139	CACCCTAATCAATCAGTTCCACACAACAACAACC	-
AW280200-35K	AW280200	CCCAAGTCTTGTGTGCCGTCTTAGAGAGGCTCCAG	-
AW281692-35K	AW281692	CCTTGAGAAATGTCACTTTTTGCCCGCTAAATC	-
AW281774-35K	AW281774	CTGTGAGAAGATTGCTGAATAAAGCGAGAGGGGCG	-
AW281877-35K	AW281877	AAGGACTGCAAGGAAGGACAGAACAATGTGTGTGG	-
AW281900-35K	AW281900	GCGGGGCTACACCAGGTCATGTGATTATAAGGAAG	-
AW281997-35K	AW281997	AGGCTAGGATGTGACCCGCTTGCGATGCCAGGTTG	-
AW282047-35K	AW282047	AAGTGATGAGGTTTGGGAGTGAGGCATGTAGGAAC	-
AW305462-35K	AW305462	TTACGATGAGGATTTCCACACTTCTGTGCGCGCTG	-
AW342781-35K	AW342781	GAGCACCACACCCCTACAAGATTTACCAATTCC	-
AW342828-35K	AW342828	ATGCACAACCCTGAAATTTAAAGCATCACTCGCAC	-
AW344264-35K	AW344264	TGCTGGGATTTTGTTCATCTGGCAAAGCGTCCCTC	-
AW420686-35K	AW420686	CATCCATGCAGTTAAACATTTATGATCCCACAGCC	-
AW420776-35K	AW420776	TACAGTGAAAGTTTAGCAGCTCACTCCCTTCCACAG	-
AW420788-35K	AW420788	GCCACTTTAGGCTTGCTAGGTTTGGGCTTCTTGTC	-
AW420851-35K	AW420851	GACCAACTTGGGCTCTTCCCTCATACTGGATGCCG	-
AW510095-35K	AW510095	CACCAGCATCAGCATATCAAACACTAACCATCCCC	-
AW567027-35K	AW567027	AGAGCAAATCCTGCTGCCTTAATTTCTCAAGTTG	-
AW567317-35K	AW567317	CAGAAGTTTATCTCCCTCACTTTAGACGAAACAGAC	-
AW567505-35K	AW567505	TGGTGTGGTGAAGTGTATATCCCAGAGTTTCAGC	-
D49971-35K	D49971	CATGAGGAACTTAGGAGACGACGGGAACGCAGACC	-

PUC-M77789-35K	-	ACGACCGAGCGCAGCGAGTCAGTGAGCGAGGAAGC	-
PUC-OV	-	GCGCAGCGAGTCAGTGAGCGAGGAAGC	CGGTATTGGGCGCTCTCCGCTTCCT
U37434-35K	U37434	CTGAATCCAGCCTGTTATTAACATAAATCACC	-
U49413-35K	U49413	GAAGAAGGCTTTGCTGTTTCATGCGGTGGCTTGGG	-
U57965-35K	U57965	AAGACTCAATCTGAGTGCTTCAACGACACTTAAC	-
U66872-35K	U66872	CCCAACTTTTGTCTCTGTGTTGTTAAAGGTTTTG	-
U85091-35K	U85091	CTGGCACATTCTCCAATTTTGCCTGTACCTAATAC	-
Z10056-OV	G39744	TTGCAATGTGTATGCTGTCAA	CTGTCAAACCTTCGTTTCTGAATTTGCA
Z10177-35K	G39759	GGATGCTCCATTATCATGTGATGCTCAGAGCTGTT	-
Z10177-OV	G39759	GGATGCTCCATTATCATGTGATGCT	TCAGCAACAGCTCTGAGCATCACA
Z10452-35K	G39795	GAGTTTCTGCATCAGCGTTTCTGATCATCATGGGAA	-
Z10452-OV	G39795	GAGTTTCTGCATCAGCGTTTCTGAT	GCAGATTCCCATGATGAGCTGAAC
Z10756-35K	G39826	CCGTATTAGGAGCAAAAGTTCCGTCAGTCACCGAG	-
Z10756-35K	G39826	TATCTCAGGTACACCGATACTCCGGGACGCTTTCA	-
Z10756-OV	G39826	AAAAGTTCCGTCAGTCACCG	ATACGCTGAGTACGCGACCT
Z10901-35K	G39840	GCCTCTCAATGCATTCTACAGTCTCTGTGCACTT	-
Z11047-35K	G39861	GTTCTGACCTGTGATTACTGCAGTGAACCTCAGCA	-
Z11841-OV	G39962	TTCTGTCACCTGCAGTTTGC	CAGTTTGCTCAGCGCTCACCTCTGTGAA
Z12022-35K	G46483	ATGATCTCCACGATCCTCTGATGTCTGAGAGCTG	-
Z13214-35K	G41824	ATGCAGCATATGCCCTTACAGTTGCAACCATGTTT	-
Z13453-35K	G40025	TTCTGTTCTGCCTCAGTTCTGGTGAAGCAGCAGGA	-
Z13626-35K	G40047	CAGAGAAGAAAAGAAGTACGTCAGAGCAAGGTG	-
Z13672-35K	G40056	CAGCTCAGCCAATATGCTGTCTGACAGCTAGCTTC	-
Z13678-35K	G40058	AAGAGTGAGTACACCCATCCTACTCTGTGCAATA	-
Z13867-OV	G40081	GTGTGCTGAAAAGCCAACAGTTCCG	CTGTTTCTGGACAGACCGAACTGT
Z14205-35K	G46539	ATACGTCATAGAGCAGAGTGGAGAGCGTTTACTTC	-
Z14263-35K	G46567	AAACAACCTGAGAACTACCCATTTAGCCTTGGTATC	-
Z14542-35K	G46705	CTGTGTGCCTCTCTATACTTTAGTTTGGAGTTTTG	-
Z14543-35K	G46706	CGTTGCGTTTTACACACCGCTCTTCTTTCTAATC	-
Z14592-35K	G46734	GATATGTTCAACCTGTAGGGAGGTGTGTGAGAGTC	-
Z14605-35K	G46739	CTGAAGCCGCCTGAAGTATTGTCCCTCCCTCATCC	-
Z14614-35K	G46746	CAGTGATGTCCATGTTTTGGCTGAACCTTGCTGGTG	-
Z14924-35K	G46893	CCTATGTTTTACAACCTGTCTACCTAACTCTGTGCC	-
Z14955-35K	G46909	CAGATGTGGAGTTAATGTGTGTCAGGCTTATCGCTGG	-
Z14958-35K	G46911	GTGCCCTCACTTACCCACAGTCTCTGGTGGCGTC	-
Z15030-35K	G46941	CTTCATTAGCCACCTTTTCATATCGCAGTCGCCCCC	-
Z15266-35K	G47012	n.a.	-
Z15877-35K	G47203	GTGGGCAACAAATCAAACAATTCTCCAAACAGTC	-
Z15884-35K	G47207	TGGGAGTGCAGTGAGTGCAGTCATGTTTTGTGCAG	-
Z17204-OV	G39208	CAGTGTGCTGAAAAGACATGCTCA	CAGTTCACCCCAAAATGAGCATG
Z17332-35K	G47224	AGTCCTGCCTGTCTGTAAGAGTTGAATTAGAGAAG	-
Z20046-OV	G40149	AACCAATATGTCATGGCATCC	CATTCTCTGNCAAACCTGTGCGGATGCC
Z20538-OV	G40181	AAGTCCTGCCCTTCTTCACTTCAT	GTGCTGTGGACAAGGAATGAAGTG
Z20582-OV	G40185	GCGTGTTAGGACAGAATGTTCCAGC	GAGTCTCCTTCTGTGAGCTGAACA
Z20719-OV	G40198	TGTGCTGGAAGACAGGGTTTGGT	GGCCATTAGATTGGAGACCAAACC
Z21067-35K	G40220	AGCGGCGTCTTCTTTATCCTCTTTCAGGTTATGTGA	-
Z21123-35K	G41739	AACACTGGCAGGATGTTTACCGTGCCTTTCATTG	-
Z21170-35K	G40231	AATTTGGACATGCCGCAACCTTCCATGGAGCAAG	-
Z21401-35K	G40247	CCCTTGAGCTGGAATTCTGAAACAAAGACAGGCG	-
Z21485-35K	G40257	CGTACAGTGAGCGTTACGGTTAACAGAGGAAAAGTA	-
Z22041-OV	G40286	GCGGAAGACGGTTATTGAAA	AATCCAAANGTCTGCATGCATTTTCAAT
Z22144-OV	G39446	TGTGGCTCTGCAGAATCAAG	AGAATCAAGGGTTCTCACCCGTCGGT
Z22659-35K	G39505	ACCATCATGCCCTTGGAGCAAAGTGTAAACCCAG	-
Z22926-35K	G39526	TTGGAGGCACTTTACGCACAAGGATACCGGGACTA	-
Z23564-35K	G45446	TTCATCTGAAGGCTGCCTGCATGTTTTGTCTTAG	-
Z24333-35K	G47399	GTCTGTATGAGAGCGAAGACCTGCTGGAGCACCAC	-
Z24356-35K	G47408	CTCATCCTGCTGCTTACCAGAACTGAGGCAGAAC	-
Z24447-35K	G47445	CACCTGGAGCTGATCTGGGTGGAGGAGTACAGGAGG	-
Z25141-35K	G47522	n.a.	-
Z25466-35K	G47604	AAGCCAAGACACGTACAGCAAACAGTGTGAAG	-
Z25482-35K	G47608	TCCACTAGAGGTCGCCTTCTATCCATCAGGAG	-
Z25642-35K	G47647	TCCACAGCCTGAAGCATCTCATAAAACGCCACTCC	-
Z25723-35K	G47666	GCCCGACACAACCGTGACAAATTCGCTGAAAGAGG	-
Z26432-35K	G47884	CACAGATCAATCCTGTCTTGTAGATAAAATGCCC	-
Z26478-35K	G47902	GAATAACCCTGGAAGACCACTGGAAAATCCTCCAC	-
Z26487-35K	G47906	GCAGCTCTGTGCATCAAAGGGTAAAGATGACCTC	-

Z26681-35K	G47974	CACCAGGAACATGGTTGAGAAACACTGCTGTA AAC	-
Z27040-35K	G47986	TGCTGATAGCAGGACCTGTGTGAGACACTCCAAC	-
Z27056-35K	G47993	n.a.	-
Z3211-OV	G40332	GAGGTGAGAGCCAAGAGCC	ATGAGTCAGACCGGAGTTCACGGCTCTT
Z32814-35K	Z32814	CCAAGACCAACGAAGAGGAGATTTATCTTTCTGTG	-
Z3824-OV	G41467	CCGCTTAGATGTGCATTATCCC	ATTATCCCTTACTTTGTAATTATATAAG
Z3964-OV	G40351	GCCATTTTTCTTGCTGCAATCA	TGCAATCATGACATTACTAGGAACTATT
Z4157-35K	G41480	GTCAAACACGTA AACTAGGAGAACGTTTTTCTCTC	-
Z4304-35K	G41502	TATGACTGCTGCTGTGCCATGATGGGACAGAATAT	-
Z4329-OV	G40358	GCCTCCAGACAGAATGCAGC	TTTCTTTCTTTATTTATTGTGCTGCATT
Z4394-35K	G41514	ATCAGCGGTCTGAAATTAATCGGCACACTCCTCCT	-
Z536-35K	G41408	GCCTTGTGCTTTGGAGTGAAAGTTGATGGAAT	-
Z6357-35K	G40426	GAAAGCTCAGAAGGCCAAAAGGGGCCAACCCGGTA	-
Z6425-35K	G40436	GATTTTGGAGGGAAGGAGTAAGTGGATTGAAGGGG	-
Z6804-OV	G40469	ATGTGGGAATACCTGGACCA	TTTTACTGTCCTTATAGGGAATGTGGGA
Z6973-35K	G40487	ACACAGCAGACGAAGAACACACACTACTGATGACC	-
Z7158-OV	G40512	TGACATTCCTAGTCCATGTTCA	CATGTTTCAGAGGAGTTTTTTCTTAAAGT
Z7171-OV	G40514	TTCTGGACATATGGAGCCTCTT	AGCCTCTTAATCAGTAAAAGCAGTATAA
Z7568-35K	G40573	TTAGTCGACAAACGGCCGCTATAGTATGAAGTGGGA	-
Z7603-35K	G41665	AGAGTCGAGACTTGCTCTTAGTGGGCTGTTTCAGGA	-
Z7803-35K	G41158	CATGTGGAAAGCTCTCACTTGTAGAAGTGCCTAG	-
Z7933-35K	G41671	AAAAGGATCCCCTACCGGCCCTGCCTGAACCGAA	-
Z8150-35K	G39715	CGCTCAGCTTTGTTTTCTTCTCCAGATTTTCAGAC	-
Z8164-35K	G40628	GCACCTCGCTCAAGTATGAGTACCCGCTCCTGTACA	-
Z8219-35K	G41163	AACACACGCACTGAACACAGAGTGTAAAAGCACA	-
Z8706-35K	G40679	AGTGATGCATGCTGGGAACTGGAGTCTGCTGGGA	-
Z8809-35K	G41687	GAAGACGATGTCGAAGCAACCATGACTGAGAAGAG	-
Z8976-35K	G40712	AGTGAAAGCAGCAGTGTTAGTGGGCGTGAGACATC	-
Z9209-35K	G41633	TCCCGCACTTGGATTATGCTTCACCTTTTATCCCG	-
Z9334-OV	G41180	AGTCTAGAGCGCCACTACTGG	TGGCGCTCTAGACTAGTTTTACCAGCAG
Z9343-35K	G40770	TGTGCTGGAAGTGCTCAGGAATCTGGAGCCTGTC	-
Z9708-OV	G40829	GAGCGGCAAGTATGTGGATT	TGTGGATTGATGAAGCGATACTGTACAT
Z9729-35K	G41189	ATAGACCCCGAGTACTGTAACCGCCCTGAGAAC	-
Z9794-35K	G40841	TGTCTCCCTGTGATAGGCCAAATGAATAAGCTCCA	-
Z9959-35K	G40869	CACCACCACACCATTACACTACACTTACTGAGAGC	-
Z9962-35K	G40870	GTAAGCTTCCCTCACAGCTGAGCATCTGCATCGC	-

7.3 Primers for radiation hybrid mapping

marker	primer name	primer sequence 1	primer sequence 2
cluster_10		CAATAGGATTCGTTTGTGTAATT	AAACACCACAGACACTCACTCA
cluster_2		TTGCAATATCTTGAGCACAGGAA	GCAAGATGGGCTGGTCAGCTGT
cluster_20		GAGGATATGAGCAGATCTGCTGA	GGTATTGATATTGGAACATTTAA
cluster_4		TAAACAAAAACTGCAAGCAGAT	CAGAGACATGTGCAGAGGGGAAC
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7.4 Abbreviations

AFLP	Amplified fragment length polymorphism
ATP	Adenosine-5'-triphosphate
b	(nucleotide) bases
BAC	Bacterial artificial chromosome
BLAST	Basic local alignment tool
bp	Base pairs

BSA	Bovine serum albumin
Ci	Curie
cDNA	complementary DNA
cM	centiMorgan
cR	centiRay
DMEM	Dulbecco's Modified Eagle Medium
DMF	Dimethylformamid
DMSO	Dimethylsulfoxide
DNA	Deoxyribonucleic acid
Dre	Danio rerio
DTT	Dithiotreitol
EDTA	Ethylenediaminetetraacetic acid
ENU	Ethylnitrosourea
EST	expressed sequence tag
FBS	Fetal bovine serum
h	Hour
HEPES	Hydroxyethyl piperazine ethansulfonic acid
Has	Homo sapiens
IPTG	Isopropyl beta-thiogalactopyranoside
IRS	interspersed repetitive sequence
k	Kilo
LG	Linkage group
LTR	long terminal repeat
LINE	long interspersed repetitive element
M	mole/litre
m	Milli
μ	Micro
MPI-MG	Max-Planck-Institut für molekulare Genetik, Berlin
n	Nano
ONF	Oligonucleotide fingerprinting
PAC	P1 derived artificial chromosome
PCR	polymerase chain reaction
RAPD	randomly amplified polymorphic DNA
RFLP	restriction fragment length polymorphism
RH	Radiation hybrid
RNA	Ribonucleic acid
RZPD	Ressourcen-Zentrum Primär-Datenbank
SINE	short interspersed repetitive element
SSCP	single strand conformation polymorphism
SSLP	simple sequence length polymorphism
SSR	simple sequence repeat
STS	sequence tagged site
TRIS	Tris(hydroxymethyl)-aminomethan
tRNA	transfer RNA
U	units
URL	uniform resource locator
UTR	untranslated region
v/v	volume per volume
WMISH	Whole mount in situ hybridisation

w/v	weight per volume
X-gal	5-Bromo-4-chloro-3-indolyl beta-galactopyranoside
YAC	yeast artificial chromosome

7.5 IUPAC-code of wobble nucleotides

M	A/C
R	A/G
W	A/T
S	G/C
Y	C/T
K	G/T
V	A/G/C
H	A/C/T
D	A/G/T
B	G/C/T
N	A/G/C/T