PAS bHLH PAS PAS PAS

PAS

bHLH

bHLH PAS PAS PAS PAS PAS PAS PAS PAS 400 500 600 700 100 200 300

PAS

Position

800

900

Drosophila melanogaster O61734 REF Acartia tonsa TRINITY DN8600 c0 g1 i4.p1 (cmp) (Ar) Acartia clausii TRINITY_DN12574_c0_g1_i2.p1 (3p) (Ar) Calanus helgolandicus TRINITY_DN7672_c0_g1_i11.p1 (cmp) (Ar)-Centropages hamatus TRINITY_DN2717_c0_g1_i10.p1 (cmp) (Ar) Temora longicornis TRINITY_DN4498_c0_g2_i3.p1 (3p) (Ar) Crangon crangon TRINITY_DN13685_c0_g1_i2.p1 (cmp) (Ar) Corystes sp. TRINITY DN36011 c0 g1 i1.p1 (int) (Ar) Corystes sp. TRINITY_DN7745_c1_g2_i1.p1 (3p) (Ar) Podon leuckartii TRINITY_DN5913_c0_g1_i26.p1 (cmp) (Ar)-Podon leuckartii TRINITY_DN5913_c0_g2_i3.p1 (cmp) (Ar) Evadne nordmanni TRINITY_DN51_c0_g2_i52.p1 (cmp) (Ar) Poecilochaetus sp. TRINITY_DN73667_c0_g1_i1.p1 (int) (An)-Magelona mirabilis TRINITY_DN21780_c0_g1_i1.p1 (3p) (An)-Oikopleura dioica TRINITY_DN754_c0_g1_i17.p1 (cmp) (Ch) Asterias rubens TRINITY_DN5737_c0_g1_i2.p1 (3p) (Ec) Rathkea octopunctata TRINITY_DN926_c1_g1_i1.p1 (cmp) (Cn)-

Phialella quadrata TRINITY DN8584 c0 g1 i1.p1 (cmp) (Cn)

bZIP (Basic region leucine PDP1e features zipper PF07716) bZIP h7IP h7IP bZIP bZIP bZIP bZIP

300

Position

400

500

600

100

200

Drosophila melanogaster Q8SZT1 REF Acartia tonsa TRINITY_DN18110_c0_g1_i4.p1 (cmp) (Ar) Acartia tonsa TRINITY_DN7042_c1_g1_i1.p1 (cmp) (Ar) Acartia tonsa TRINITY_DN7306_c0_g1_i1.p1 (cmp) (Ar) Acartia clausii TRINITY DN4005 c0 g1 i1.p1 (cmp) (Ar) Acartia clausii TRINITY DN4264 c0 g1 i4.p1 (cmp) Acartia clausii TRINITY DN5258 c0 q1 i1.p1 (cmp) Acartia clausii TRINITY DN58787 c0 g1 i2.p1 (cmp) (Ar) Calanus helgolandicus TRINITY_DN254_c0_g1_i1.p1 (cmp) (Ar) Calanus helgolandicus TRINITY DN2815_c0_g1_i1.p1 (cmp) (Ar) Calanus helgolandicus TRINITY_DN4162_c0_g1_i1.p1 (cmp) (Ar) Centropages hamatus TRINITY_DN1673_c0_g1_i8.p1 (cmp) (Ar) Centropages hamatus TRINITY_DN34183_c0_g1_i1.p1 (5p) (Ar) Temora longicornis TRINITY_DN264_c0_g2_i1.p1 (5p) (Ar) Temora longicornis TRINITY_DN3193_c0_g2_i1.p1 (cmp) (Ar) Temora longicornis TRINITY DN34212_c0_g1_i1.p2 (5p) (Ar) Crangon crangon TRINITY_DN8383_c0_g1_i5.p1 (cmp) (Ar) Corystes sp. TRINITY DN101 c1 g2 i6.p1 (5p) (Ar) Podon leuckartii TRINITY_DN410_c0_g1_i25.p1 (cmp) (Ar) Podon leuckartii TRINITY DN410_c0_g2_i2.p1 (5p) (Ar) Poecilochaetus sp. TRINITY DN4400 c0 g1 i2.p1 (5p) (An) Magelona mirabilis TRINITY_DN5392_c0_g1_i3.p1 (cmp) (An) Phoronis muelleri TRINITY_DN144_c0_g2_i4.p1 (cmp) (Ph) Oikopleura dioica TRINITY_DN6971_c0_g1_i5.p1 (cmp) (Ch) Oikopleura dioica TRINITY DN9084 c0 g1 i3.p1 (cmp) (Ch) Asterias rubens TRINITY DN1712 c0 g1 i1.p1 (cmp) (Ec) Rathkea octopunctata TRINITY DN2257 c0 g1 i1.p1 (cmp) (Cn) Phialella quadrata TRINITY_DN27_c1_g1_i1.p1 (cmp) (Cn) Phialella quadrata TRINITY_DN35230_c0_g1_i1.p1 (5p) (Cn)











