**Supplementary File 1**

**Alkal cDNA sequences used in whole mount in situ hybridisation**

*Dralkal1:*acacgatatcgattgtattacattcaagaagcttcgcacttgacgtataaaaacaagacgcatgttctcaagaaagacacgagacaacaggaacttttggaagatatatttttctctggcaactttgcgtccacatcattagaggcagaagcacctaccaatatataatcgttctggaaagccatgcgggctgagaagagatggcacatcttgttgagtatgattcttttgctcatcacctccagccagtgcatggacagcaaggaggtaaaggagtcggaaaggaaaactctgcttaatctaatcctgcaagtgatcggggaaaagcccgcgtccagacgcgtcaccagtggcctctactctgtatctcaagatgctaagttttcctcgcgtgaaaacactgcacatttgcccaagccggacaacagcagaccaatagagattgtcccaagagacacaagcatgaaagacaaatttatagagcattttacagggccagtcaagtttccatctgaatgcaggacacatttccacagaatttatcacaacacaagggattgttccagaccgacatattataaaagatgtgcaagattgctaacaaggctagcgatgagtcccctttgcacacaatcatagaaaacgcatgtcctgaggatataaaagaagaagctctgaggattttggagtacattatttttttccaaggaagtgccttcaaaccactgcaattaactgtcattgttttcatttactgtcatttccatttccaacgaaagattgttctgaatgaatacaaaatataattttttgcttatcataatttatatgtttgtgttatgatgctattaaaatatagttttgtttaatagctttgcttttgatattatgagttttaaagaaagtattatttatcgttgctgccagttatttatttaaatgatgtgtaaatattctgtcctgattaccagagaggatattggaatatgtatctcattaaaaccgtcattacta

*Dralkal2a:*gtgaggggaaaaacctgactttcaggcaccgtcggagttccagtctgtgcaatagtaggacggttcctggtatagctgcatctcttccttctaagtgctctaatgagatagtgggcaagaaaaaaagctgtccacgggatgcagcgtgtgagaaacgggaatatgaagatgtgcggcgtatgtgtaacgagtttctaattaaagacacagcgatgtgaggccacgagggacgactgcttccgtctgagagcctcaataaattggcgagaatcgacggcgagtgtttggagacgttcagaaggcgagcggcgcgcgcgctcagagtcctccaggagctttgtgtggagttttggaaacaccagaaaggagtctgaccactccaacttcccacgcttgaatataataaaggacggctcgctttaaaggacagcgcgcttctctctctctctctctctctctctttccagctcgttttgcgtggggtttaaataagcacaggacactcgagactcaataaaacaaacagcacgcgccaaattcgcctcaggctgctgtggagattgaaggacacgaccgtcctcagactgcgtgatcctggacttgggctgtgcgcgcactctggtttcgggagagatgcgcgcgctgcgagccccggtgctggtaatggggctcgtattgttaatctgcactgccgcacaaagcgatgccagcgcgaacaaagtggagaaaacgctcagacggatcatggaaatcatgagacaggtggaaaatagcgctgacgacgagagcgcgcagaagacagagagcgcgcctgagccgaaggacacgcaccatctcaaaacggcaagtggagaaacaattttagaaatctttcccagagacctcagtaggaaagagaaatttatcacaatattaacaggtcctctttattttggtccaaagtgcaagaaggatgtctacaggctttaccacaacactagagactgcaccatccctgcac

*Dralkal2b:*atcaacatgaacgcattctcgaggtctttccgagagatcttcgacagaaggataagtttttaaaacatttaacagggccgctttatttcagccccaaatgcagcaaactcttttataaactctataataataccagggactgcacaatacctgcctattataaaagatgtgcccgccttcttacaagactagcagggagtcagcggtgcacagagggatagatgacacagatttcaacagacctgaagaaataaagagaaccaagaaaagtgccttggagaaaaacagggaaatgaaattatttctgaacaatcatatttatcatgtgaaaaaaagctatttttgcaatgaaatggaactcgtatttttgacctttctcttctcacatactgcttgacagccttgtgggttgacaaaactgatgttagaatcacgtttactggctatgatcatggtgaaaatgaagaagacaaaaacaaactgataaaaaagtcctgctgccaaacgatcaactctgggtgtcacattcgactgcatattatataggttgattttgccttcacaggttgtgtgtccagtagtttctggttaggaaataacttcgttgttttgcagatgttcaaaggtgtttactggctgaatgcagcctttggtccaatattcctgacaacctcaaagtcacattcctcaaagccagagctaaatcctttgattgaattatgaattgcatgatattttcttgccttttttgtctttacaagacatgtcttggcagagatgaacgctactggttggagtttattctgtgaaagaaatgaattgcattttgctaatattgaatgtcctatgttatatatttatacattcaagctattaaatattgctattgtcaaatgtataaacatctaagttagagttcagtttgtaaatattgtaaatatatacagtatatatgaaacatatgatctttaaataaacgtttgttatataatatttaaaa