

Table S7 Sequences for new validated KASP assays available from LGC genomics.

ID	Sequence
novel_01	AGGACTGCGCGCTATGGAAGCGACAYCTTCTGACCCTTACCGTCCAAATG[Y]TGATGGCAATCTACGTTGTGACGCAAGCAGTGGMGAGGTGACAAGTGGCTG
novel_02	TCTAACCCGTAGATCTTCACGTGATATGCCTTTATTAGTTTTAATCTGT[R]GGCTTGGTTAATCTCTGCGTTTAGTTAGTTTTGTGGGCTGGGTTTAATC
novel_03	TGATTTATTCAGTCACATTAGCGACCGCCCTTCTCTAGAGGAAGCTCGACTACATCAACA[R]TTGGAAGTGACTTCTTGACATACCTAGTKTACGGGGTCCAAAATCAAGTCATTTCATCAG
novel_04	CAATATCTAAACTATTTGCTTCTCTAGAAGAGAAGCACCTGGAGCCCAGC[Y]AAACAGTTTCAGCTCCACCTAAAATAGGAGCGRAGTTGGGTGGAACACTC
novel_05	GCCTTGACCCCTTCGCTTGAGACGCCTCTGGCCCGGCAAGGCACTCGTAM[R]ACTCTTCGCTCACGCCGTTCTTGCTCCATAGCTTTCGCCACGGGGTTCG
novel_06	GTACAGATGTTAGTGTTTTGAAAAATCCAGTGAAACATAAGTTGCTAACCC[R]JGGAAGCTTCCCCTCAGGTGGACACTGCTCAGGACCTGTGACATCAATCCG
novel_07	AGTAATGTTTCTTTTGGCGTAAAAATAAGAGAAATCTGGCGTCTCTGCTCTCCTCCGCTCC[K]CCTCTCTTGCGCCAACAAAGCCGACTCGCGATCTCCATCGGGCAAGAAGAGCAGAGCAGAGC
novel_08	GATGGTCTCCAGCGGCACCCTCAGCCCGGAGCTYGCAATTCAGTTCTTG[W]SCAGTTTGATAAGGTATCTRCCTTTACCATATCTCCTTCCACCTATTACTA
novel_09	TTGTGTTTTTCTGGCAAGTATGGTTTTAATCTTCAAATGGTTGGATGGG[Y]GCTGCAGCACTGCAACCATCAATGAATCGCTTGCTAGCTGGTGGTTCAAAA
novel_10	TGAATCGCAGTCTCTGTGGTTTTGAGAAAAAACTCACACATTGCAATATTGCCATATTAACAA[Y]TGATTTTTCCCATAAACCAAAACAAGAAATAAAGTAACTAAGTGACCCTGGTGTGATCATGTTTATTA
novel_11	GCCTTGGAGGCCTGAGTGATGATCCTATATATTCTGTGAGGGGTGTGACC[R]JGCGAGRCATTGCATCACGTGGGAAACCTAGCTGTCACTTCCCTCCCG
novel_12	ATATGGGCWCCRACTTTCCAATGTGGATGGAAGATGGTGTGACACTGCAA[W]ATATTGTTAAACTCAGTTTGAGAGGCTCTGTAATGTGTGTCAAACTCCCA
novel_13	TACATCATCTTTCTGAGTACCTGATAGAAGAGCTCAAGGAGAAGAGGTACTTTGTT[R]TTCTAGATGATCTATGGATTTTACATGATTGGAATTGGATAAATGAAATTCATTTCCTAAGAACATAA
novel_14	CTTACCTTGGGAGAGCTAGTATTCAAACGGGAGCATTCCCAAATCTAGAACACTT[Y]GKATTTAYGAATTGGATCAGCTAAGAGARATNAGATTGAGGACRGCAGCTC
novel_15	GGACAGCGACGTGCGGGTGTGACTGTTGAGCCCCGAGGCCTACCTCGGCGAGAAGGAGAAGGT[Y]ACCCTCACCCGCGCTGCTGMAACATGCGGCTACTTCAACAATGCGCAGCGCGTGGC
novel_16	GGAATTTCTAGAGGAGAGAAAAATAGTTCAGAGAATACAGGWGAAGACATC[R]JAAGGAGAAGAAGGRAGAACCAGAAAAACAACGGAATCCGAAAAAGAAAAGACAATTAGGGAGGTTG
novel_17	TACTTGAGATACTTCTGTGACGTAACAACTGCTAGCTTTGTTCTTGCAAAAC[CACAATGGAAG/-]CACCAGTTTGATAACAAAAGCTTTAACTGCATCTGCTTTGCTTGGGCATTAAAGCCCTCTACATT
novel_18	TTAGCAACTTCATAAGAKTAGAGATGGGCAAGGGGCCGTTTTCTGTTTC[Y]JGCGCGTGGAATTCACCTGTTACGAGACGGGAATGGTTGAATTGGTTCTC
novel_19	GAGGGGACAGTATTTTAGATCTTTTTCTTGGGT[A[R]JGGTTATAGTGCTTTGATGTACTTCTCAACAGTTCAA
novel_20	TTTTTATGTGAAAGCTTCATGCTCAACACCTACGACGGGCCGGCCCTGGGGCTA[Y]JGTGTAACATCTGAAATTCGACGACAAAAAGCTAACTCTAAAAATATGGATTTTCAAAAACTTTT
novel_21	TCGACCAATGTATAAATTCGAGGTCTACAAGGAGCAAGGGTCCACAAATGTAGTGAGAAAT[Y]GTCTTCTCGTCATGTCCATGGATATCAAGAGAAAGAGACTCAAGGTAGCATGTGCCTA
novel_22	GTTATTGGCAGCTTCCCTCAATTGAGGAGGGCACCTTTTCATCAGAATT[R]AAAAATCTTCTGAAAAACAATCTTTGGAGTCAGTAGCACAAAGAGCTTTCATTTCATATA
novel_23	ACCAATGCACACTCAATTATCTCCAAGTTTGTGCATCCATA[W]ATCATCAATGACAAKAAAATATCTGTTTCACATGACTTTTAATTATCAACCAAGGATGTATTGATAC
novel_24	CGGGCATCGTGCTCAACGCCGCCACCTCCTTCTGGCTCCCCGTCCCTCCC[R]JCGCCGTCTTCGACTTCTCCGYACGAGACCTCTCGCAGCGAGGTGCC
novel_25	TCCAATGCGACCGGTATCACATTAGATGGCTCCACCTCYGTCTTGGATAG[Y]JGGCTTCGTCATGGCGAAGTCRAAGTTGAGTTGACGATGAACAGATCTCCT
novel_26	TTCAATAAATTTTTGGATAGTAAATGATTTCAAATGGAAGTTGTCAA[Y]JAACAAAGTTGTATACTTATGAAGATCTACAACTTCTGTTTTGGTCATT
novel_27	CACGGCCATGGGTGTGCACATTTGATTGGTGGCAACAACAAGTGATAT[GT/-]JTTGTGTGCTTCTGTTAGTTGGCAGGTCCTAGTCACTAAATCACTATTGGA
novel_28	CTAGTCACTAAATCACTATTGGATTGGTACTAGTACTTTTGTGCTTGA[Y]JGATGGGACTGGATTACTAGCCTTTTGGTTGCCTTTTGGTATTCCGTTGT
novel_29	AAAAGATGTCCTGTATTATTTTGTGAGCAGATCTGTACTGGTTGATCGGCT[Y]JGCATGAAAATATTGTTGAGGATTATAATGCCATGCCAACTGAGTAAAGAA
novel_30	AATTAGTAACATGTTGGGTGATCCATCAATCGACTTCTATCGTCAGAAAA[K]JAATTGCAGAGTAGTTCTGTGTCAATCAAGTGACTAAGCTCAAACTGAACA
novel_31	ACTTAGACCAGCAGGTGGTGCACCTGACTTGGCTATTTTCTGACGTTCTG[S]CCTATTACCTTTGTACTAACATCTTCAAAGAACCGAGCACAGAAAGTAA
novel_32	ATGCATGGAACCTGATTCTATGCATTTATTGTCTCCAGATTGTTCCAACAAC[Y]JACTTAATAAAAAATTTTGACMGGAGAATACATAAGTGATTAATTAGTCGTTA
novel_33	CGATTTAAATCGATATGAGGATAACTACCATCTCGTGGGCAAAACGGAA[G/-]JGTTTCCAAGACAACCTACAAGAGGTATCGTACTCTCGCAGCAGCGGGC
novel_34	AGAACCAAACTGTGATGTACTTGCACATAGGGAACCTTATGCAACATCTATAT[W]JCGACSTCTGCAACATGCATCATCTTCTGGTGCATCCCATTAACATTCCATTGAATTTTGAAGTCTTT
novel_35	CTGTGCATGTTGTTCACTCTAGATAAGTGAGGTTTGACAAGTGTGATGCGAGCATCCCCA[R]JTGATCTTCCCAAGATTACACSAACTTAGAGCTAAGTACTTGAGATGTGTAGTGTGGC
novel_36	CTCCTRTGCTTTATCCGTCTGGTRAGGAACATTGCAATGAGAACAATGCA[W]JATAAGCCTGTTGCGCTACCAACTCCTATACCRATGCTTAAACCTGAAAG
novel_37	GCGAGATCGCTTCTGAAAGATGAGCTGAGCAGCATGAACGCGCTCCTCGAGAGGCTGGCCGACACGGAGGC[R]JGCGCTCGATCCGAGACGAAGGAGTGAGGAGCCAGGTGAGGAGATGAGCTATGACATTGAGGACTG
novel_38	ATTCTGCAGCGTCCCATTAACAATAGGACGCCACCGATCTAAAGCGTC[Y]JGGCCTTCTACGGACGCGATATTCTCATTGYGTCCATAGCCCACGGGCCA
novel_39	AGCCGAATTGAACACGTAGTCTCCTTAGTATCTCACCTATCAAGCAGTT[C]SJTAGAATATGATGGATGCTATTCTTTGACTTCACCTCTCATAAAGTTGT