**Table S3.** DNA sequence of pLJ143/KGB2/FUS1

cgaacatcatcaataatataccttattttggattgaagccaatatgataatgagggggtggagtttgtgacgtggcgcggggcgtgggaacggggcgggtgacgtagtagtgtggcggaagtgtgatttgcaagtgtggcggaacacatgtaagcgccggatgtggtaaaagtgacgtttttggtgtgcgccggtgtatacgggaagtgacaattttcgcgcggttttaggcggatgttgtagtaaatttgggctaaccaagtaatatttggccattttcgcgggaaaactgaataagaggaagtgaaatctgaataattctgtgttactcatagcgcgtaatatttgtctagggccgcggggactttgaccgtttacgtgagactcgcccaggtgtttttctcaggtgttttccgcgttccgggtcaaagttggcgttttattattatagtcagctctagagtccgttacataacttacggtaaatggcccgcctggctgaccgcccacgacccccgcccattgacgtcaataatgacgtatgttcccatagtaacgccaatagggactttccattgacgtcaatgggtggagtatttacggtaaactgcccacttggcagtacatcaagtgtacatatgccaagtacgccccctattgacgtcaatgacggtaaatggcccgcctggcattatgcccagtacatgaccttatgggactttcctacttggcagtacatctacgtattagtcatcgctattacatggtgatgcggttttggcagtacatcaatgggcgtggatagcggtttgactcacggggatttccaagtctccaccccattgacgtcaatgggagtttgttttggcaccaaaatcaacgggactttcaaaatgtcgtaacaactccgccccattgacgcaaatgggcggtaggcgtgtacggtgggaggtctatataagcagagctcgtttagtgaaccgtcagatcgcctggagacgccatccacgctgtttgacctccatagaagacaccgggaccgatccagcctccgcggccgggaacggtgcattggaacggacctgcagcccaagcttggtaccgagctcggatccactagtccagtgtggtggaattcggcttacatgggcgccagcgggtccaaagctcggggcctgtggcccttcgcctcggcggccggaggcggcggctcagaggcagcaggagctgagcaagctttggtgcggcctcggggccgagctgtgcccccttcgtattcacgcgccgcggctctatgttctatgatgaggatggggatctggctcacgagttctatgaggagacaatcgtcaccaagaacgggcagaagcgggccaagctgaggcgagtgcataagatctgattcctcagggcatcgtgaagctggatcacccccgcatccacgtggatttccctgtgatcctctatgaggtgtgaccctggaagccgaattctgcagatatccagcacaagtggcggccgctcagtctagagggcccgtttaaacccgctgatcagcctcgactgtgccttctagttgccagccatctgttgtttgcccctcccccgtgccttccttgaccctggaaggtgccactcccactgtcctttctaataaaatgaggaaattgcatcgcattgtctgagtaggtgtcattctattctggggggtggggtggggcaggacagcaagggggaggattgggaagacaatagcaggcatgctggggatgcggtggctctatggcttctactgggcggttttatggacagcaagcgaaccggaattgccagctggggcgccctctggtaaggttgggaagccctgcaaagtaaactggatggctttctcgccgccaaggatctatggcgcaggggatcaagctctgatcaagagacaggatgaggatcgtttcgcatgattgaacaagatggattgcacgcaggttctccggccgcttgggtggagaggctattcggctatgactgggcaaacagacaatcggctgctctgatgccgccgtgttccggctgtcagcgcaggggcgcccggttctttttgtcaagaccgacctgtccggtgccctgaatgaactgcaagacgaggcagcgcggctatctggctggccacgacgggcgttccttgcgcagctgtgctcgacgttgtcactgaagcgggaagggactggctgctattgggcgaagtgccggggcaggatctcctgtcatctcaccttgctcctgccggaaagtatccatcatggctgatgcaatgcggcggctgcatacgcttgatccggctacctgcccattcgaccaccaagcgaaacatcgcatcgagcgagcacgtactcggatggaagccggtcttgtcatcaggatgatctggacgaagagcatcaggggctcgcgccagccgaactgttcgccaggctcaaggcgagcatgcccgacggcgaggatctcgtcgtgacccatggcgatgcctgcttgccgaatatatggtggaaaatggccgcttttctggattcatcgactgtggccggctgggtgtggcggaccgctatcaggacatagcgttggctacccgtgatattgctgaagagcttggcggcgaatgggctgacccttcctcgtgctttacggtatcgccgctcccgattcgcagcgcatcgccttctatcgccttcttgacgagttcttctgaattattaacgcttacaatttcctgatgcggtattttctccttacgcattgtgcggtatttcacaccgcatacaggtggcacttttcggggaaatgtgcgcggaacccctatttgtttatttttctaaatacattcaaatatgtatccgctcatgtaactagccatgaccaaaatccttaacgtgagttttcgttccactgagcgtcagaccccgtagaaaagatcaaaggatcttcttgagatcctttttttctgcgcgtaatctgctgcttgcaaacaaaaaaaccaccgctaccagcggtgtttgtttgccggatcaagagctaccaactctttttccgaaggtaactggcttcagcagagcgcagataccaaatactgttcttctagtgtagccgtagttaggccaccacttcaagaactctgtagaccgcctacatacctcgctctgctaatcctgttaccagtggctgctgccagtggcgataagtcgtgtcttaccgggttggactcaagacgatagttaccggataaggcgcagcggtcgggctgaacgggggttcgtgcacacagcccagcttggagcgaacgacctacaccgaactgagatacctacagcgtgagctatgagaaagcgccacgcttcccgaagggagaaaggcggacaggtatccggtaagcggagggtcggaacaggagagcgcacgagggagcttccagggggaaacgcctggtatctttatagtcctgtcgggtttcgccacctctgacttgagcgtcgatttttgtgatgctcgtcaggggggcggacctatggaaaaacgccagcaacgcggcctttttacggttcctggccttttgctggccttttgctcacatgttcttaatcatgagattatcaaaaaggatcttcacctagatccttttaaattaaaaagaagttttaaatcaatctaaagtatatatgagtaaacttggtctgacagttaccaatgcttaatcagtgaggcacctatctcagcgatctgtctatttcgttcatccatagttgcctgactccccgtgtgtagataactacgatacgggagggcttaccatctggccccagtgctgcaatgat