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| Names | Oligonucleotides (5’→3’) |
| **Chromosomal fusions** |  |
| PexoSUp | CCCAAGCTTTACGCTCTCCTCGTCGTTGG |
| PexoSDn | CGGGATCCAATTCGACGGCGAAAGAGC |
| PpelAUp | CCCAAGCTTAACTGAAGGCGGTGCGACCG |
| PpelADn | CGGGATCCTGGGTCGAAGGATGTTACGG |
| PrsmYUp | CGGAATTCAAGGCTCGCGATGATGAGG |
| PrsmYDn | GGGGTACCTTTGGCGCTTCCTGCGCAATGTCC |
| PrsmZUp | CCGGAATTCCCTTAGACCCACTGAAGACC |
| PrsmZDn | GGGGTACCATCCTTCGGGGTTGCGTGTTCC |
|  |  |
| **Proteins production** |  |
| LadSD1Up LadSD1Dn GacSH1D1Up GacSH1D1Dn GacSH1Up GacSH1Dn GacSD1Up GacSD1Dn LadSH1D1Up | TACTTCCAATCAATGGCCGGCGGGCAGGCGGTGCGGCGTTATCCACCTTTACTGTTATTAGGCGGACTTGGTGACGATCGGCTGGTACTTCCAATCAATGGGCAGCAACGAGCTGTATCCACCTTTACTGTTATTACAGCGACTGGCCCAGGCTCAGTCTACTTCCAATCAATGGGCAGCAACGAGCTGTATCCACCTTTACTGTTATTAACTTTTCGGCAGACTCAGTACTTCCAATCAATGGCCATGGTTTCCGGACGGCCTATCCACCTTTACTGTTATTACAGCGACTGGCCCAGGCTCAGTCGGAATTCACTTTAAGAAGGAGATATACCATGCATCCTCCAGGAGTCCAGCC |
| LadSH1D1Dn | CGGGATCCTCAATGGTGATGGTGATGGTGGGCGGACTTGGTGACGATCGG |
| GacSH2Up | GGGATCCACTTTAAGGAGATATACCATGCAGTCGCTGGCCAGCATGAGCCGTG |
| GacSH2DnHptAUpHptADn | CGAAGCTTTCAATGGTGATGGTGATGGTGGAGTTCGCTGGAGTCGAGGCGGAATTCACTTTAAGAAGGAGATATACCATGAAAGAGCTTGGTTCGGAATCGCAAGGATCCTCAATGGTGATGGTGATGGTGGAGCTTTGCCAATTCGGTTGAGATACTG |
| **Pull Down experiments**PDStrepLadSH1UpPDFLAGLadSH1UpPDLadSH1DnPDStrepGacSH2UpPDFLAGGacSH2UpPDGacSH1DnPDStrepRetSH1UpPDFLAGRetSH1UpPDRetSH1Dn | GCTCTAGAGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAAGGTGCAATCCTCCAGGAGTCCAGCCGCTCTAGAGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAAATCCTCCAGGAGTCCAGCCCCGAGCTCTTACACCACCAGCACCGTGCACTCCAACTGCAGGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAAGGTGCACTGCGCATGAGCCGCGCGATCAACGCGCCGAACTGCAGGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAACTGGAACTGATCAGCCAGGGCGTCGCGCTCTAGATTAGCCCGGCTCCTCGTTGTCGTCGGCTCTAGAGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAAGGTGCAATCCAGCAGCTCAACCTGCAACAGCGCGCTCTAGAGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAAATCCAGCAGCTCAACCTGCAACAGCGCCCGAGCTCTTAGAGGTCGGCGGTGGGGTTCTCCAGCTG |
|  |  |
| **Quick exchange mutations** |  |
| LadSQ1D1Up | CTCGCCACCGTCACCCAAGAACTGCGCACCCCGATGAGG |
| LadSQ1D1Dn | GTGCGCAGTTCTTGGGTGACGGTGGCGAGGAACTCGTC |
| LadSH1A1Up | ACGGCGTACTGCTCGCGTGCCAGATGCCGGTGATGGACG |
| LadSH1A1Dn | GCATCTGGCAGTCGAGCAGTACGCCGTCCGGCCGCTC |
| GacSQ2Up | TTGCTCGAGAGGGTCCAACGGCTGCATGGCGCCACCC |
| GacSQ2Dn | GGCGCCATGCAGCCGTTGGACCCTCTCGAGCAAAGCG |
| **Punctual chromosomal mutations**UpULadSD→AUpDLadSD→ADnULadSD→ADnDLadSD→AUpULadSH→QUpDLadSH→Q DnULadSH→QDnDLadSH→QUpUGacSH1H→QUpDGacSH1H→QDnUGacSH1H→QDnDGacSH1H→QUpUGacSH2H→QUpDGacSH2H→QDnUGacSH2H→QDnDGacSH2H→Q | CGGGATCCACAACGCGATCAAGTTCGCC TCACCGGCATCTGGCAGGCGAGCAGTACGC CTGCTCGCCTGCCAGATGCCGGTGATGGACGG GGACTAGTAAGTGGCGGTACAGGCTGCC CGGGATCCTACCAGGTCTCGGTGAACGG GTGCGCAGTTCTTGGGTGACGGTGGCGAGGAACTCGTC CTCGCCACCGTCACCCAAGAACTGCGCACCCCGATGAGC GGACTAGTGGACGAAACGCTGGTAGAGGGATTACGCGTTAACCCGGGCCCCCAGCCATTTGAGCATGTCCGCGGATCTCTTGGCTCATGTTGGCCAACATGAGCCAAGAGATCCGCGGACTATAGACTATACTAGTGCTGAAGGCCTTGAACAAGG GGGGATCCGTCACCGCGGTGGACAGCGGGCCATGCAGCCGTTGGACCCTCTCGAGCAAAGCGCTCGAGAGGGTCCAACGGCTGCATGGCGCCACCCCCCACTAGTCCGGCAGGCCGAGCGCTTCG |
| **Gene Deletion** |  |
| UpUPA4116 | AAGGATCCGCTTCCTGCTGGCCGCGAT |
| UpDPA4116 | TCAGCTCGCCGACTTGTACGTTCAC |
| DnUPA4116 | AACAGAGCAAGTAGTCGGCGAGCTGA |
| DnDPA4116 | CCCACTAGTGCGCCTGGAGGCGCCCGG |
| UpUPA4982 | AAGGATCCCAACGACGAGATCGATCGC |
| UpDPA4982 | TCAACCGGCCGCCGCAGAGCGCCAGCCA |
| DnUPA4982 | AGCGGCCGGTTGAATGGCTGCTGG |
| DnDPA4982 | CCCACTAGTGTGGAGGCCCAGCTCATCC |
| UpULadSD1 | CGCGGATCCATGGTCAACGACATCCTCGC |
| UpDLadSD1 | AAAGAATTCGTTGATGGCGTTGTCCTCCA |
| DnULadSD1 | AAAGAATTCAAGTCCGCCTGAAGCCGTTC |
| DnDLadSD1 | GGACTAGTGGTCACTTCGTGGGTTTCGG |
|  |  |
| **Two-Hybrid** |  |
| UDHLadSH1 | GCTCTAGAGATCCTCCAGGAGTCCAGCC |
| DDHLadSH1 | CCGAGCCCTCCACCACCAG |
| UDHHptA | AAAAGCTGCAGGAGTCTGTATGAAAGAGCTTGGTTCGGAA |
| DDHHptA | CGGGGTACCATTCTGAAACCTCTATCTGGTCCGATCTCTA |
| UDHHptB | GCTCTAGAGCGAATGTCCGCGCCGCATCTCGATGATCGTG |
| DDHHptB | GGGCCGGTACCTTGTCGCCGGAAAGGACGAAAACCTCAGC |
| UDHHptC | GCTCTAGAGTCGCCCGCCGCCACGAGCTCATCTGAGGA |
| DDHHptC | CGGGGTACCAGATCCTGGACGAAGGCCCGCAACGATATGA |
| UDHPA4112H2 | GCTCTAGAGCAGATGCCGGATATCGATGGTC |
| DDHPA4112H2 | CGGGGTACCATCAGCTCGCCGACTCCGCC |
| UDHPA4982H2 | GCTCTAGAGGGACGCCGCGCTGGACC |
| DDHPA4982H2 | CGGGGTACCATCAACCGGCCGCTGAG |
| UDHLadSD1 | AAACTGCAGCTTCCTCCTGCGCCTGCAACTGACC |
| DDHLadSD1 | GCATCGATGCGCGGAACGGCTTCAGGCGGACTTGG |
|  |  |
| **RT-qPCR** |  |
| rsmYUp | AGGACATTGCGCAGGAAG |
| rsmYDn | GGGGTTTTGCAGACCTCTC |
| rsmZUp | CGTACAGGGAACACGCAAC |
| rsmZDn | GTATTACCCCGCCCACTCTT |
| pelAUp | CAGGTGCTGGAGGACTTCAT |
| pelADn | AGAACGGATGGCTGAAGGTA |
| exoSUp | CTCTACACCGGCATTCACTA |
| exoSDn | CTTCACTACCTGTTCAGCCT |
| gacSH2RT-PCRUp | TTGCTCGAGAGGGTCAC |
| gacSH2RT-PCRDnvgrG1bUpvgrG1bDn | TCAGAGTTCGCTGGAGTCGCCATTTCTACGACTGGCACA GGGTAGTCGTACAAGCG |
| uvrDUp | CACGCCTCGCCCTACAGCA |
| uvrDDn | GGATCTGGAAGTTCTCGCTCAGC |
| ladSUpladSDn | CAACGCGATCAAGTTCACCGTGGACGAAACGCTGGTAGAG |
| 16SUp | CAGCTCGTGTCGTGAGATGT |
| 16SDn | GATCCGGACTACGATCGGTT |