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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 | |
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| **Proteins production** |  | |
| LadSD1Up  LadSD1Dn  GacSH1D1Up  GacSH1D1Dn  GacSH1Up  GacSH1Dn  GacSD1Up  GacSD1Dn  LadSH1D1Up | TACTTCCAATCAATGGCCGGCGGGCAGGCGGTGCGGCGT  TATCCACCTTTACTGTTATTAGGCGGACTTGGTGACGATCGGCTGG  TACTTCCAATCAATGGGCAGCAACGAGCTG  TATCCACCTTTACTGTTATTACAGCGACTGGCCCAGGCTCAGTC  TACTTCCAATCAATGGGCAGCAACGAGCTG  TATCCACCTTTACTGTTATTAACTTTTCGGCAGACTCAG  TACTTCCAATCAATGGCCATGGTTTCCGGACGGCC  TATCCACCTTTACTGTTATTACAGCGACTGGCCCAGGCTCAGTC  GGAATTCACTTTAAGAAGGAGATATACCATGCATCCTCCAGGAGTCCAGCC | |
| LadSH1D1Dn | CGGGATCCTCAATGGTGATGGTGATGGTGGGCGGACTTGGTGACGATCGG | |
| GacSH2Up | GGGATCCACTTTAAGGAGATATACCATGCAGTCGCTGGCCAGCATGAGCCGTG | |
| GacSH2Dn  HptAUp  HptADn | CGAAGCTTTCAATGGTGATGGTGATGGTGGAGTTCGCTGGAGTCGAGGC  GGAATTCACTTTAAGAAGGAGATATACCATGAAAGAGCTTGGTTCGGAATCGC  AAGGATCCTCAATGGTGATGGTGATGGTGGAGCTTTGCCAATTCGGTTGAGATACTG | |
| **Pull Down experiments**  PDStrepLadSH1Up  PDFLAGLadSH1Up  PDLadSH1Dn  PDStrepGacSH2Up  PDFLAGGacSH2Up  PDGacSH1Dn  PDStrepRetSH1Up  PDFLAGRetSH1Up  PDRetSH1Dn | GCTCTAGAGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAA  GGTGCAATCCTCCAGGAGTCCAGCC  GCTCTAGAGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAAATCCTC  CAGGAGTCCAGCC  CCGAGCTCTTACACCACCAGCACCGTGCACTCC  AACTGCAGGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAA  GGTGCACTGCGCATGAGCCGCGCGATCAACGCGCCG  AACTGCAGGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAACTGGAA  CTGATCAGCCAGGGCGTCGC  GCTCTAGATTAGCCCGGCTCCTCGTTGTCGTCG  GCTCTAGAGAGCGCAGGAGCTGATGGCAAGCTGGAGCCACCCGCAGTTCGAAAAA  GGTGCAATCCAGCAGCTCAACCTGCAACAGCGC  GCTCTAGAGAGCGCAGGAGCTGATGGACTATAAAGACGACGACGACAAAATCCAG  CAGCTCAACCTGCAACAGCGC  CCGAGCTCTTAGAGGTCGGCGGTGGGGTTCTCCAGCTG | | |
|  | |  |
| **Quick exchange mutations** | |  |
| LadSQ1D1Up | | CTCGCCACCGTCACCCAAGAACTGCGCACCCCGATGAGG |
| LadSQ1D1Dn | | GTGCGCAGTTCTTGGGTGACGGTGGCGAGGAACTCGTC |
| LadSH1A1Up | | ACGGCGTACTGCTCGCGTGCCAGATGCCGGTGATGGACG |
| LadSH1A1Dn | | GCATCTGGCAGTCGAGCAGTACGCCGTCCGGCCGCTC |
| GacSQ2Up | | TTGCTCGAGAGGGTCCAACGGCTGCATGGCGCCACCC |
| GacSQ2Dn | | GGCGCCATGCAGCCGTTGGACCCTCTCGAGCAAAGCG |
| **Punctual chromosomal mutations**  UpULadSD→A  UpDLadSD→A  DnULadSD→A  DnDLadSD→A  UpULadSH→Q UpDLadSH→Q  DnULadSH→Q DnDLadSH→Q  UpUGacSH1H→Q  UpDGacSH1H→Q  DnUGacSH1H→Q  DnDGacSH1H→Q  UpUGacSH2H→Q  UpDGacSH2H→Q  DnUGacSH2H→Q  DnDGacSH2H→Q | | CGGGATCCACAACGCGATCAAGTTCGCC  TCACCGGCATCTGGCAGGCGAGCAGTACGC  CTGCTCGCCTGCCAGATGCCGGTGATGGACGG  GGACTAGTAAGTGGCGGTACAGGCTGCC  CGGGATCCTACCAGGTCTCGGTGAACGG  GTGCGCAGTTCTTGGGTGACGGTGGCGAGGAACTCGTC  CTCGCCACCGTCACCCAAGAACTGCGCACCCCGATGAGC  GGACTAGTGGACGAAACGCTGGTAGAGG  GATTACGCGTTAACCCGGGCCCCCAGCCATTTGAGCATGTCC  GCGGATCTCTTGGCTCATGTTGG  CCAACATGAGCCAAGAGATCCGC  GGACTATAGACTATACTAGTGCTGAAGGCCTTGAACAAGG  GGGGATCCGTCACCGCGGTGGACAGCGG  GCCATGCAGCCGTTGGACCCTCTCGAGCAAAGCG  CTCGAGAGGGTCCAACGGCTGCATGGCGCCACCC  CCCACTAGTCCGGCAGGCCGAGCGCTTCG |
| **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-PCRDn  vgrG1bUp  vgrG1bDn | | TCAGAGTTCGCTGGAGTCG  CCATTTCTACGACTGGCACA  GGGTAGTCGTACAAGCG |
| uvrDUp | | CACGCCTCGCCCTACAGCA |
| uvrDDn | | GGATCTGGAAGTTCTCGCTCAGC |
| ladSUp  ladSDn | | CAACGCGATCAAGTTCACCG  TGGACGAAACGCTGGTAGAG |
| 16SUp | | CAGCTCGTGTCGTGAGATGT |
| 16SDn | | GATCCGGACTACGATCGGTT |