

| Gen     | Símbolo | PB   | OLIGO SENSE                   | OLIGO ANTISENSE               |
|---------|---------|------|-------------------------------|-------------------------------|
| CG5202  | escl    | 205  | CACCCTCGCCGCCAAGAAGTAG        | ATTCCGGCAAACCTTAAAAGC         |
| CG5096  | CG5096  | 210  | CACCTGTATAATAATTAAGCCTTGAAGC  | TAACGTTCCGGTATTCTCGTTTG       |
| CG17533 | GstE8   | 235  | CACCAATCATCTATACATGCTGC       | GGCTCAACCTCTAGACGGCA          |
| CG6013  | CG6013  | 355  | CACCAATAACAATGTGGAGTAACCAAAAC | CCTTTATGAATGAATTCCGATCC       |
| CG5247  | lrpb    | 374  | CACCGGTAATTTGGGCATTTCCAC      | CCGCTAATTTACAAGAAGG           |
| CG14907 | CG14907 | 400  | CGGTGCGGTTGACTCATAATC         | CACCTGAGTCCGGGCACTTATTG       |
| CG3448  | CG3448  | 442  | TCGGCAATATTTTAGTTTACAAC       | CACCTGCCGAATCGAGTAAAC         |
| CG18213 | CG18213 | 500  | GATCTCGCGGTAAGAATGTG          | CACCAGCGAGTGGTTCGTCAGTTC      |
| CG14121 | ver     | 539  | CACCGGATGGACCACCAGACATTC      | GCGATTTCAAAGGGGATTTT          |
| CG16928 | mre11   | 584  | CACCTCATCTTGCTGGCACAC         | TCATCTTGCTGGCACAC             |
| CG12843 | Tsp42Ei | 631  | CACCTAGGGATTTGCACGAACC        | CTGTAGATGCGGCTGGAGAC          |
| CG1925  | mus205  | 632  | CACCTCCGTTAATTCCGATCTTCG      | GACTCCATCGATTGCCTCTC          |
| CG17530 | GstE6   | 660  | CACCGAGAAATATCGCTGTAGGAAAC    | CGCTGTGGGGTCTCTTTTC           |
| CG43103 | CG43103 | 741  | ATCTTCGCGTTTTCTCCAG           | CACCATGATAACACCATACTGGTTAG    |
| CG6658  | Ugt86Di | 840  | GGCGAACCAATAACCAAAACC         | CACCACAGCGTCTTTGAAGG          |
| CG32055 | CG32055 | 910  | CTTCTGCTTGAGCCAAGTGC          | CACCATAGGCCCGGAATGCTTTAG      |
| CG10916 | CG10916 | 940  | CACCGAGCACAGGTGAACCTTTTATT    | TTGAATCTTGATTGAAAATAATCCT     |
| CG6272  | CG6272  | 962  | CACCGCGATGTATGCGTTGTTTTG      | AAAAAGTCCGGCACTCTCGTC         |
| CG18522 | CG18522 | 987  | CACCAGGGTATGGCCCTTCCGTAG      | GCCGGGTTGACATCCTAGAG          |
| CG3008  | CG3008  | 1122 | CACCGCAATTGGCGTTAAAGAAG       | TTGGAACTTGGCTTGAGAAG          |
| CG33048 | Mocs1   | 1208 | CACCTGTGCCACAGAATTCACC        | ATTGCAGCGTTCGGTTAGAG          |
| CG10965 | Corp    | 1225 | CATCCTTTGGTTTTCTTTTCG         | CACCCAGTAAAGCCATTATC          |
| CG11897 | CG11897 | 1314 | CACCATTTTCAACCTTGCTTACG       | ATAGCCGGCAACAACAATC           |
| CG10576 | CG10576 | 1526 | CGGACTTGAGCAGACGTAAG          | CACCAGCCGAATTGGATTTAAG        |
| CG32625 | CG32625 | 1809 | CACCGATGACATGGAACATTG         | GAAAAAGGAGCGTTTTATGTTAGC      |
| CG15784 | CG15784 | 1968 | CACCAAAAAGAATCGCATTTTATGG     | ATGCGATTTACCTTCACTGG          |
| CG2909  | CG2909  | 2002 | CACCTGGCTATTTTCGTTGTTTTG      | TCACCCTTTTGAAGAGAAAGTC        |
| CG1303  | agt     | 2043 | TCGCTTAATTTCTGTTGTTCAAG       | CACCAAGGGCTTTCTTCGATGTTG      |
| CG8084  | ana     | 2400 | CACCAAAATTTGCATTAAATTAC       | TCGATTATATGCATCAGTCTGTTC      |
| CG32021 | CG32021 | 2692 | GTTTCATATGGACGCATCGAC         | CACCTGAGAGAAGACACGCCAATG      |
| CG18657 | NetA    | 2770 | GCCTCAAACCTGAGCTTCCCGGGCT     | CACCGACAACGCGAATTCGGTAAACCTTT |
| CG1273  | CG1273  | 3047 | CACCGATAAGCGCAGAGCGAAGAG      | GATACCCGTTACGCCGTTAG          |
| CG11086 | Gadd45  | 3356 | CACCAGCTGTGAGCGTGTGTTTTG      | GCGAGCGAACGCTTTTATAG          |
| CG1869  | Cht7    | 3423 | TTGTGGCTTTTCGAGACTG           | CACCGAAATCGGCGCTCTATTAG       |
| CG9850  | CG9850  | 3536 | AAAGCATTGCATTTCCGAAC          | CACCAAATGACACCTTCCTTGC        |
| CG31764 | vir-1   | 3548 | TTTGCCGAAAATTGTGATTC          | CACCTTCGAAGCCTTGACAACC        |
| CG30069 | CG30069 | 3600 | CACCTGCCTGGCACAAAACCTAGC      | AGCGCTGACACAGATGAGG           |
| CG1342  | Spn100A | 3604 | CACCAGCTGTGTGACTGCTGATG       | CAAGAAAGTTGGCCAAAGAC          |
| CG7590  | scyl    | 3649 | CACCGAAGACAAACTGCCAAT         | CGCAAGGAAACGAATAAAGC          |
| CG33970 | CG33970 | 4330 | CACCAACATTGGGGACAACCTCTGC     | GACTTCTGTGGCCGAAACTC          |
| CG7201  | CG7201  | 4754 | CAAGCTCGTTGCTGAACATC          | CACCAATCGCAAATGCCAACTCTC      |
| CG17104 | CG17104 | 5450 | CACCTGCCACATGCAAAAG           | TAAATGGCACTTCCCCACTC          |
| CG3074  | Swim    | 5800 | CGATTTCTTTCTTTGATATTTTCGTC    | CACCTTTGAAAGCACCTGCTC         |
| CG18455 | Optix   | 6000 | CACCTAAGCCGCTGCATCCACAAATCT   | AATAGTCGCTACACCCGCTGCAAC      |
| CG6256  | Trim9   | 8069 | CACCCCGGTGAAAAGAAAACCAAC      | GCAAAAGTTTGGCAAGGAAC          |

| <b>Nombre</b> | <b>PB</b> | <b>OLIGO SENSE</b>           | <b>OLIGO ANTISENSE</b>        |
|---------------|-----------|------------------------------|-------------------------------|
| CG15784-A     | 772       | CACCAAAAGAATCGCATTTTCATGG    | GAATTTCAAATTATATATAAATT       |
| CG15784-B     | 717       | CACCTTATATATAATTTTGAAATTC    | GTGAGTGCGGTTGATCTAGG          |
| CG15784-C     | 517       | CACCTAGATCAACCGCACT          | ATGCGATTTACCTTCACTGG          |
| CG15784-δ1    | 230       | CCTAGGATCTACTTAGTGCATGAGTG   | AGATCTGTAGTGCGGTTGATCTAGG     |
| CG15784-δ2    | 68        | CTCGAGTAATCCATCTGTAAATGAC    | CTCGAGGAATGATCCCTGATCCCTG     |
| CG15784-δ3    | 99        | CTCGAGCGTTACATTCTCAGATGG     | CTCGAGCCATTTTCCAGACTGTTT      |
| CG15784-δ4    | 68        | CTCGAGCTTAACCACCAGAAGGACGC   | CTCGAGAATTTTCGTTAATTTGAATCATT |
| CG15784-δ5    | 49        | CTCGAGTAAGTCTATGCTGAATTTTCG  | CTCGAGTTGTGGAGCTATTTTCATCAC   |
| CG15784-δ6    | 65        | CTCGAGAAACGCAGCACAAAGAAAAAC  | CTCGAGTTGAAGCGTTATTCCGGTTT    |
| CG15784-δ7    | 50        | CTCGAGAAAAAAGCTTTGGCAGTGGG   | CTCGAGAATCGGAGAACGACGCAAA     |
| CG15784-δ8    | 49        | CTCGAGTATCAAAACAAAACAAAAC    | CTCGAGACAAACGCGCGCGTTGG       |
| CG15784-δ9    | 84        | AGATCTTTTTTCACAATTTGCTATCGAG | AGATCTGTGAGTGCGGTTGATCTAGG    |
| Kni-RR        | 1361      | CACCGAATTCCAACGCGAAGCGTC     | CGCGCTCGAGATGGGGCTGCC         |

**Tabla Suplementaria 3. Cebadores utilizados para el clonaje de módulos reguladores de ADN.**

Se muestran los cebadores utilizados para la generación de los módulos reguladores de ADN correspondientes a los genes indicados. Se señala el gen, el símbolo, el tamaño de la región a clonar (PB) el oligonucleotido sentido y el antisentido. Además se señalan otros módulos reguladores de los que se indica el nombre, su tamaño en pb (PB) como los oligonucleótidos sentido y antisentido. Para los casos de CG15784-δX se señala el tamaño de la delección producida y los oligonucleotidos que flanquean dicha delección, estos cebadores además van todos precedidos de las bases CGCG.