

Análisis de los ARN's con 60%de similitud respecto a sitios off-target

Secuencia Objetivo	Locacion Genomica	Contenido de GC (%)	No.De Sitios off-target
AACGCUAUGUAAAA UUUA	949596:949613	22.22	191
GCUAUGUAAAAUUU AACC	949599:949616	27.78	147
AAACUAAUACAGUA GACA	949679:949696	27.78	206
UAGACAACCUAUUU UUCG	949691:949708	33.33	203
UAGUAAAAAUAGA GUAG	949712:949729	22.22	240
AAUAGAGUAGACCU UCAU	949720:949737	33.33	134
GUAGACCUUCAUU CCGGA	949726:949743	50.00	98
CCGGAACCGAAAAA AUAA	949739:949756	38.89	223
UAAAACGCGUCGU AAAAG	949784:949801	38.89	184
GAAGAAAAAGCACA AAGU	949834:949851	33.33	226
AAGCACAAAGUACC AAAA	949841:949858	33.33	201
UGGUUUAAUAGUU UGGUU	949866:949883	27.78	266
UCCCAAUCUGGGA AGACU	949883:949900	44.44	110
CUUCCGUGCUACA UCACU	949899:949916	50.00	60
AUGAUAGAUUGUA GAGUG	949927:949944	33.33	129
GUGACCGAAGUGG UCUUU	949942:949959	50.00	141
AGUAGAGUAGACG AUGUU	950002:950019	38.89	162
AUGUUACCGAAAUU GUAA	950015:950032	27.78	232
UGACGACGUCAAAA GAGA	950041:950058	44.44	113
UUAUGAUAAAAUA UAAG	950156:950173	11.11	238
GUCUAGAAGGGUC ACGUA	950183:950200	50.00	91
GUAUAUUUGUUA GGGUU	950224:950241	27.78	234
UUGCCAAGGGGUC UUUAU	950240:950257	44.44	99
GUUUCUUAUCAGC AAAAC	950261:950278	33.33	189
UUUCUUAUCAGCAA AACA	950262:950279	27.78	237
AAUAGUUCGAAUAA CUCA	950340:950357	27.78	238
GAAACUAGUAAAAU AGUU	950365:950382	22.22	350
UAGUUACCACAUUA GUGA	950378:950395	33.33	135
CUUGUCGUUACAG CAUUC	950398:950415	44.44	99
CGAACUAAAAUCAC AUGU	950428:950445	33.33	182
AUCACAUGUACCGA AGUA	950437:950454	38.89	125

GAAGUUACGGGCA AAGAA	950479:950496	44.44	136
CUUAAAAAACUCGU UUCG	950501:950518	33.33	205
UGUGGGUUUUGAG GACGA	950625:950642	50.00	110
GGUUUUGAGGACG AUCCU	950629:950646	50.00	115

Análisis de los ARN's con 65%de similitud respecto a sitios off-target

Secuencia Objetivo	Locacion Genomica	Contenido de GC (%)	No.De Sitios off-target
AACGCUAUGUAAAA UUUA	949596:949613	22.22	35
GCUAUGUAAAAUUU AACC	949599:949616	27.78	28
AAACUAUUACAGUA GACA	949679:949696	27.78	39
UAGACAACCUAUUU UUCG	949691:949708	33.33	44
UAGUAAAAAUAGA GUAG	949712:949729	22.22	54
AAUAGAGUAGACCU UCAU	949720:949737	33.33	30
GUAGACCUUCAUU CCGGA	949726:949743	50.00	15
CCGGAACCGAAAAA AUAA	949739:949756	38.89	66
UAAAACGCGUCGU AAAAG	949784:949801	38.89	40
GAAGAAAAAGCACA AAGU	949834:949851	33.33	51
AAGCACAAAGUACC AAAA	949841:949858	33.33	38
UGGUUUAAUAGUU UGGUU	949866:949883	27.78	66
UCCCAAUCUGGGA AGACU	949883:949900	44.44	25
CUUCCGUGCUACA UCACU	949899:949916	50.00	11
AUGAUAGAUUGUA GAGUG	949927:949944	33.33	17
GUGACCGAAGUGG UCUUU	949942:949959	50.00	36
AGUAGAGUAGACG AUGUU	950002:950019	38.89	43
AUGUUACCGAAAAU GUAA	950015:950032	27.78	53
UGACGACGUCAAAA GAGA	950041:950058	44.44	26
UUAUGAUAAAAUA UAAG	950156:950173	11.11	65
GUCUAGAAGGGUC ACGUA	950183:950200	50.00	13
GUAUUUUUGUUA GGGUU	950224:950241	27.78	67
UUGCCAAGGGGUC UUUAU	950240:950257	44.44	15
GUUUCUUAUCAGC AAAAC	950261:950278	33.33	30
UUUCUUAUCAGCAA AACA	950262:950279	27.78	51
AAUAGUUCGAAUAA CUCA	950340:950357	27.78	47
GAAACUAGUAAAAU AGUU	950365:950382	22.22	95

UAGUUACCAUUA GUGA	950378:950395	33.33	31
CUUGUCGUUACAG CAUUC	950398:950415	44.44	19
CGAACUAAAUCAC AUGU	950428:950445	33.33	42
AUCACAUGUACCGA AGUA	950437:950454	38.89	34
GAAGUUACGGGCA AAGAA	950479:950496	44.44	30
CUUAAAAAACUCGU UUCG	950501:950518	33.33	44
UGUGGGUUUUGAG GACGA	950625:950642	50.00	26
GGUUUUGAGGACG AUCCU	950629:950646	50.00	18

Análisis de los ARN's con 70%de similitud respecto a sitios off-target

Secuencia Objetivo	Locacion Genomica	Contenido de GC (%)	No.De Sitios off-target
AACGCUAUGUAAAA UUUA	949596:949613	22.22	6
GCUAUGUAAAAUUU AACC	949599:949616	27.78	4
AAACUAAUACAGUA GACA	949679:949696	27.78	9
UAGACAACCUAUUU UUCG	949691:949708	33.33	6
UAGUAAAAAUAGA GUAG	949712:949729	22.22	13
AAUAGAGUAGACCU UCAU	949720:949737	33.33	4
GUAGACCUUCAUU CCGGA	949726:949743	50.00	3
CCGGAACCGAAAAA AUAA	949739:949756	38.89	13
UAAAACGCGUCGU AAAAG	949784:949801	38.89	8
GAAGAAAAAGCACA AAGU	949834:949851	33.33	11
AAGCACAAAGUACC AAAA	949841:949858	33.33	7
UGGUUUAAUAGUU UGGUU	949866:949883	27.78	6
UUCCAAUCUGGGA AGACU	949883:949900	44.44	6
CUUCCGUGCUACA UCACU	949899:949916	50.00	5
AUGAUAGAUUGUA GAGUG	949927:949944	33.33	3
GUGACCGAAGUGG UCUUU	949942:949959	50.00	4
AGUAGAGUAGACG AUGUU	950002:950019	38.89	7
AUGUUACCGAAAUU GUAA	950015:950032	27.78	9
UGACGACGUCAAAA GAGA	950041:950058	44.44	3
UUAUGAUAAAAUA UAAG	950156:950173	11.11	14
GUCUAGAAGGGUC ACGUA	950183:950200	50.00	2
GUAAUAUUUGUUA GGGUU	950224:950241	27.78	10
UUGCCAAGGGGUC UUUAU	950240:950257	44.44	3

GUUUCUUAUCAGC AAAAC	950261:950278	33.33	2
UUUCUUAUCAGCAA AACA	950262:950279	27.78	8
AAUAGUUCGAAUAA CUCA	950340:950357	27.78	2
GAAACUAGUAAAAU AGUU	950365:950382	22.22	24
UAGUUACCACAUUA GUGA	950378:950395	33.33	2
CUUGUCGUUACAG CAUUC	950398:950415	44.44	7
CGAACUAAAAUCAC AUGU	950428:950445	33.33	5
AUCACAUGUACCGA AGUA	950437:950454	38.89	4
GAAGUUACGGGCA AAGAA	950479:950496	44.44	5
CUUAAAAAACUCGU UUCG	950501:950518	33.33	8
UGUGGGUUUUGAG GACGA	950625:950642	50.00	2
GGUUUUGAGGACG AUCCU	950629:950646	50.00	3