### Supplementary Table S3

Analysis of the orthologous genes between *P. antarctica* and *U. maydis*

| Pa to Um | | Um to Pa |
|----------|--------------------------|--------------------------|
| *P. antarctica* gene | *U. maydis* gene | e-value | *P. antarctica* gene | *U. maydis* gene | e-value |
| NNN | 1d00043 | um01656 | 2.00E-44 | um01656 | 22c00121 | 0 |
| NNN | 1c00005 | um06368 | 8.00E-30 | um06368 | 1c00004 | 1.00E-135 |
| BBH | 1c00018 | um06383 | 0 | um06383 | 1c00018 | 0 |
| BBH | 1c00013 | um10993 | 3.00E-44 | um10993 | 1c00013 | 3.00E-36 |
| BBH | 1d00007 | um06359 | 8.00E-63 | um06359 | 1d00007 | 1.00E-68 |
| BBH | 1d00039 | um06450 | 1.00E-179 | um06450 | 1d00039 | 1.00E-179 |
| BBH | 1d00020 | um06404 | 1.00E-125 | um06404 | 1d00020 | 1.00E-125 |
| BBH | 1d00016 | um06397 | 1.00E-33 | um06397 | 1d00016 | 6.00E-28 |
| NNN | 1c00033 | um06418 | 1.00E-101 | um06418 | 1c00034 | 0 |
| BBH | 1c00025 | um06398 | 7.00E-97 | um06398 | 1c00025 | 1.00E-101 |
| BBH | 1d00029 | um06421 | 0 | um06421 | 1d00029 | 0 |
| BBH | 1d00006 | um12336.2 | 0 | um12336.2 | 1d00006 | 0 |
| BBH | 1d00016 | um11001 | 1.00E-94 | um11001 | 1c00016 | 7.00E-99 |
| BBH | 1d00036 | um12046 | 7.00E-19 | um12046 | 1d00036 | 1.00E-19 |
| BBH | 1c00019 | um06385 | 1.00E-104 | um06385 | 1c00019 | 1.00E-105 |
| NNN | 1d00031 | um04032 | 7.00E-25 | um04032 | 1c00090 | 0 |
| BBH | 1d00017 | um06400 | 0 | um06400 | 1d00017 | 0 |
| BBH | 1d00048 | um06454 | 1.00E-122 | um06454 | 1d00048 | 1.00E-111 |
| BBH | 1d00050 | um06456 | 0 | um06456 | 1d00050 | 0 |
| BBH | 1d00021 | um06406 | 4.00E-79 | um06406 | 1d00021 | 5.00E-81 |
| BBH | 1c00007 | um06371 | 0 | um06371 | 1c00007 | 0 |
| BBH | 1d00013 | um06391 | 0 | um06391 | 1d00013 | 0 |
| BBH | 1c00041 | um06440 | 1.00E-136 | um06440 | 1c00041 | 1.00E-166 |
| BBH | 1d00027 | um06417 | 1.00E-136 | um06417 | 1d00027 | 1.00E-136 |
| NNN | 1c00011 | um06360 | 1.00E-62 | um06360 | 1c00011 | 0 |
| BBH | 1d00037 | um06445 | 1.00E-102 | um06445 | 1d00037 | 1.00E-102 |
| BBH | 1c00017 | um06381 | 5.00E-75 | um06381 | 1c00017 | 2.00E-68 |
| BBH | 1d00041 | um15103 | 3.00E-32 | um15103 | 1d00041 | 3.00E-62 |
| BBH | 1d00005 | um06362 | 0 | um06362 | 1d00005 | 0 |
| BBH | 1c00031 | um06412 | 0 | um06412 | 1c00031 | 0 |
| BBH | 1c00047 | um12050 | 7.00E-58 | um12050 | 1c00047 | 8.00E-63 |
| BBH | 1c00038 | um06427 | 1.00E-148 | um06427 | 1c00038 | 1.00E-139 |
| BBH | 1c00044 | um12047 | 4.00E-35 | um12047 | 1c00044 | 2.00E-41 |
| NNN | 1c00001 | um01656 | 7.00E-44 | um01656 | 1c00004 | 1.00E-135 |
| NNN | 1d00034 | um05038 | 0 | um05038 | 3c00070 | 0 |
| BBH | 1c00050 | um06453 | 1.00E-123 | um06453 | 1c00050 | 1.00E-123 |
| BBH | 1c00022 | um11005 | 1.00E-146 | um11005 | 1c00022 | 1.00E-157 |
| BBH | 1d00035 | um06443 | 1.00E-119 | um06443 | 1d00035 | 1.00E-119 |
| BBH | 1c00042 | um12044 | 2.00E-20 | um12044 | 1c00042 | 1.00E-20 |
| BBH | 1c00029 | um06407 | 0 | um06407 | 1c00029 | 0 |
| Symbol | Value       | Symbol | Value       | Symbol | Value       | Symbol | Value       |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| BBH    | 2d00053     | um05197| 1.00E-139    | BBH    | 2d00074     | um05238| 4.00E-63     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00038     | um05160| 0           | BBH    | 2c00053     | um10194| 7.00E-33     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00010     | um05101| 0           | BBH    | 2c00058     | um05198| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00023     | um05126| 0           | BBH    | 2d00024     | um05136| 0           |
|        |             |        |             |        |             |        |             |
| NNN    | 2c00017     | um05115| 0           | BBH    | 2d00068     | um05225| 8.00E-25     |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00034     | um05153| 0           | BBH    | 2c00004     | um05097| 1.00E-127    |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00075     | um05240| 0           | BBH    | 2d00020     | um05127| 1.00E-167    |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00020     | um05240| 0           | BBH    | 2d00002     | um11779| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00057     | um11567| 2.00E-42    | BBH    | 2c00027     | um10179| 5.00E-53     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00045     | um05171| 0           | BBH    | 2c00045     | um05182| 2.00E-90     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00024     | um05128| 2.00E-40    | BBH    | 2c00037     | um05158| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00003     | um05103| 0           | BBH    | 2d00061     | um05210| 3.00E-95     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00031     | um10183| 1.00E-141   | BBH    | 2d00046     | um05184| 1.00E-102    |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00046     | um05173| 0           | BBH    | 2d00010     | um10173| 5.00E-67     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00005     | um10198| 0           | BBH    | 2c00055     | um05194| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00008     | um05103| 0           | BBH    | 2c00060     | um05202| 1.00E-114    |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00075     | um05226| 6.00E-46     | BBH    | 2c00002     | um05090| 1.00E-119    |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00006     | um05269| 1.00E-91     | BBH    | 2c00025     | um10178| 4.00E-19     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00067     | um05213| 0           | BBH    | 2c00074     | um15076| 3.00E-15     |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00007     | um05102| 5.00E-27     | BBH    | 2d00056     | um05201| 1.00E-146    |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00032     | um05148| 0           | BBH    | 2c00015     | um05112| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00058     | um11568| 0           | BBH    | 2d00065     | um05219| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00044     | um05178| 1.00E-67     | BBH    | 2c00008     | um10172| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00039     | um10189| 0           | BBH    | 2d00018     | um10175| 0           |
|        |             |        |             |        |             |        |             |
| BBH    | 2d00027     | um10180| 1.00E-44     | BBH    | 2d00021     | um05163| 1.00E-86     |
|        |             |        |             |        |             |        |             |
| BBH    | 2c00014     | um05116| 1.00E-121    | BBH    | 2d00038     | um05163| 1.00E-86     |
|        |             |        |             |        |             |        |             |
|        |             |        |             |        |             |        |             |
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|---------|---------|---------|---------|---------|
| BBH 2c00001 um05085 1.00E-105 um05085 2c00001 1.00E-99 |
| NNN 2d00049 um10197 1.00E-71 |
| BBH 2c00039 um05162 0 um05162 2c00039 0 |
| BBH 2c00014 um05111 1.00E-109 um05111 2c00014 1.00E-114 |
| BBH 2c00034 um05152 0 um05152 2c00034 0 |
| BBH 2d00021 um05130 0 um05130 2d00021 0 |
| BBH 2c00081 um11785 0 um11785 2c00081 0 |
| BBH 2d00043 um10191 1.00E-147 um10191 2d00043 1.00E-152 |
| BBH 2c00047 um05174 1.00E-158 um05174 2c00047 1.00E-173 |
| BBH 2d00032 um05149 1.00E-116 um05149 2d00032 1.00E-122 |
| BBH 2d00028 um05142 0 um05142 2d00028 0 |
| BBH 2c00068 um05216 1.00E-161 um05216 2c00068 1.00E-175 |
| NNN 2c00007 um01656 3.00E-29 um01656 2c00007 2.00E-33 |
| BBH 2c00048 um05177 0 um05177 2c00048 0 |
| BBH 2d00037 um05161 1.00E-78 um05161 2d00037 2.00E-89 |
| BBH 2d00005 um05091.2 1.00E-105 um05091.2 2d00005 1.00E-115 |
| BBH 2c00076 um05170 0 um05170 2c00076 0 |
| BBH 2d00015 um05118 1.00E-154 um05118 2d00015 0 |
| BBH 2d00005 um05091.2 1.00E-105 um05091.2 2d00005 1.00E-115 |
| BBH 2c00080 um11783 3.00E-59 um11783 2c00080 2.00E-63 |
| BBH 2c00033 um10184 0 um10184 2c00033 0 |
| BBH 2d00070 um05228 2.00E-34 um05228 2d00070 9.00E-31 |
| NNN 2d00040 um05167 5.00E-37 |
| NNN 2c00006 um01656 6.00E-53 um01656 2c00006 2.00E-52 |
| BBH 2d00025 um05138 1.00E-74 um05138 2d00025 2.00E-73 |
| BBH 2d00031 um05145 1.00E-107 um05145 2d00031 1.00E-115 |
| BBH 2c00013 um05109 1.00E-127 um05109 2c00013 1.00E-127 |
| BBH 2d00040 um10188 0 um10188 2d00040 0 |
| BBH 2c00077 um05231 3.00E-79 um05231 2c00077 5.00E-78 |
| BBH 2d00071 um05230 0 um05230 2d00071 0 |
| BBH 2c00036 um10187 3.00E-46 um10187 2c00036 3.00E-35 |
| BBH 2d00023 um05134 0 um05134 2d00023 0 |
| BBH 2c00069 um05217 1.00E-108 um05217 2c00069 1.00E-117 |
| BBH 2d00041 um12158 1.00E-28 um12158 2d00041 1.00E-26 |
| BBH 2c00051 um05183 5.00E-68 um05183 2c00051 1.00E-66 |
| BBH 2c00041 um05169 0 um05169 2c00041 0 |
| BBH 2d00012 um05110 0 um05110 2d00012 0 |
| BBH 2d00070 um05218 0 um05218 2d00070 0 |
| BBH 2d00026 um05139 1.00E-123 um05139 2d00026 1.00E-123 |
| BBH 2d00067 um05224 0 um05224 2d00067 0 |
| BBH 2d00066 um11572 0 um11572 2d00066 0 |
| BBH 2c00029 um05141 0 um05141 2c00029 0 |
| BBH 2c00005 um12157 3.00E-48 um12157 2c00005 4.00E-55 |
| BBH 2c00009 um05100 2.00E-53 um05100 2c00009 8.00E-52 |
| NNN 2d00052 um15018 1.00E-57 |
| BBH 2c00063 um05207 3.00E-39 um05207 2c00063 8.00E-37 |
| NNN 2c00019 um10174 6.00E-22 um10174 2d00019 0 |
| BBH 2c00022 um10177 0 um10177 2c00022 0 |
| BBH 2d00042 um12159 0 um12159 2d00042 0 |
| BBH 2d00059 um05206 0 um05206 2d00059 0 |
| BBH 2c00050 um05180 1.00E-139 um05180 2c00050 1.00E-137 |
| BBH 2c00042 um10190.2 0 um10190.2 2c00042 0 |
| BBH 2c00059 um05200 0 um05200 2c00059 0 |
| BBH 2d00022 um05131 0 um05131 2d00022 0 |
| BBH 2c00035 um10186 9.00E-57 um10186 2c00035 4.00E-59 |
| BBH 2c00071 um11571 9.00E-69 um11571 2c00071 9.00E-68 |
| BBH 2d00030 um10181 0 um10181 2d00030 0 |
| BBH 2d00036 um05159 3.00E-58 um05159 2d00036 3.00E-56 |
| BBH 2c00012 um05107 0 um05107 2c00012 0 |
| BBH 2c00082 um11786 9.00E-97 um11786 2c00082 3.00E-91 |
| BBH 2c00078 um05232 0 um05232 2c00078 0 |
| BBH 2d00003 um05087 2.00E-88 um05087 2d00003 2.00E-94 |
|        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| BBH    | 3c00057| um11564| 6.00E-39| um11564| 3c00057|
| BBH    | 3d00044| um04963| 3.00E-73| um04963| 3d00044|
| BBH    | 3d00093| um05057| 0       | um05057| 3d00093|
| BBH    | 3d00071| um05019| 0       | um05019| 3d00071|
| BBH    | 3d00053| um04976| 0       | um04976| 3d00053|
| NNN    | 3d00081| um05040| 7.00E-37| um05040| 3d00082|
| BBH    | 3d00021| um04926| 0       | um04926| 3d00021|
| BBH    | 3c00078| um05061| 0       | um05061| 3c00078|
| BBH    | 3d00069| um05015| 3.00E-28| um05015| 6.00E-20|
| BBH    | 3c00047| um04989| 2.00E-89| um04989| 3c00047|
| NNN    | 3d00032| um11769| 1.00E-100| um11769| 3d00031|
| BBH    | 3c00005| um04908| 2.00E-56| um04908| 3c00005|
| NNN    | 3c00008| um02490| 1.00E-112| um02490| 12c00135|
| BBH    | 3d00082| um05040| 9.00E-58| um05040| 3d00082|
| NNN    | 3c00060| um10707| 2.00E-18|        |        |
| BBH    | 3d00099| um05064| 0       | um05064| 3d00099|
| BBH    | 3d00066| um11561| 1.00E-51| um11561| 3d00066|
| BBH    | 3d00017| um04986| 0       | um04986| 3d00017|
| BBH    | 3d00026| um12009| 2.00E-49| um12009| 3d00026|
| BBH    | 3d00100| um05065| 0       | um05065| 3d00100|
| BBH    | 3d00005| um04910| 0       | um04910| 3d00005|
| BBH    | 3d00038| um12292| 2.00E-36| um12292| 3d00038|
| BBH    | 3c00064| um05035| 0       | um05035| 3c00064|
| BBH    | 3d00001| um04920| 0       | um04920| 3d00001|
| BBH    | 3c00056| um05007| 0       | um05007| 3c00056|
| BBH    | 3d00092| um12298| 0       | um12298| 3d00092|
| BBH    | 3c00072| um05044| 1.00E-89| um05044| 3c00072|
| BBH    | 3d00052| um04974| 8.00E-27| um04974| 3d00052|
| BBH    | 3d00020| um04925| 1.00E-138| um04925| 3d00020|
| BBH    | 3c00016| um12008| 0       | um12008| 3c00016|
| BBH    | 3c00063| um05037| 1.00E-141| um05037| 3c00063|
| BBH    | 3d00080| um05042.2| 1.00E-114| um05042.2| 3d00080|
| BBH    | 3c00006| um04907| 0       | um04907| 3c00006|
| BBH    | 3d00074| um10708| 1.00E-127| um10708| 3d00074|
| BBH    | 3c00025| um11771| 3.00E-67| um11771| 3c00025|
| BBH    | 3c00046| um04988| 1.00E-146| um04988| 3c00046|
| BBH    | 3d00200| um04936| 1.00E-101| um04936| 3d00200|
| BBH    | 3d00016| um04324| 0       | um04324| 3d00016|
| BBH    | 3d00072| um05032| 0       | um05032| 3d00072|
| BBH    | 3c00019| um11767| 1.00E-145| um11767| 3c00019|
| BBH    | 3d00098| um05063| 0       | um05063| 3d00098|
| BBH    | 3d00065| um11560| 0       | um11560| 3d00065|
| NNN    | 3d00086| um05046| 6.00E-37|        |        |
| BBH    | 4d00042| um06344| 0       | um06344| 4d00042|
| BBH    | 4d00005| um06295| 0       | um06295| 4d00005|
| BBH    | 4d00027| um06317| 0       | um06317| 4d00027|
| BBH    | 4c00009| um10763| 1.00E-158| um10763| 4c00009|
| BBH    | 4c00008| um10765| 1.00E-59| um10765| 4c00008|
| NNN    | 4c00006| um06292| 4.00E-48| um06292| 4c00007|
| BBH    | 4d00035| um10785| 1.00E-120| um10785| 4d00035|
| BBH    | 4c00041| um06346| 8.00E-60| um06346| 4c00041|
| BBH    | 4d00015| um12332| 1.00E-43| um12332| 4d00015|
| BBH    | 4c00024| um12334| 1.00E-22| um12334| 4c00024|
| BBH    | 4d00032| um06326| 1.00E-111| um06326| 4d00032|
| BBH    | 4d00006| um06294| 0       | um06294| 4d00006|
| BBH    | 4d00024| um10773| 3.00E-81| um10773| 4d00024|
| BBH    | 4d00045| um05614| 3.00E-78| um05614| 4d00045|
| BBH    | 4c00025| um10776| 1.00E-172| um10776| 4c00025|
| BBH    | 4d00014| um06281| 0       | um06281| 4d00014|
| BBH    | 4c00019| um10769| 0       | um10769| 4c00019|
| BBH    | 4c00040| um15092| 1.00E-167| um15092| 4c00040|
| BBH    | 4d00033| um10782| 0       | um10782| 4d00033|
| BBH      | um02667       | 5d00070          | 1.00E-129 | 5d00084          | 1.00E-150          |
| BBH      | um02641       | 5d00067          | 0         | 5d00067          | 0                  |
| BBH      | um02755       | 5c00025          | 0         | 5c00025          | 0                  |
| BBH      | um02508       | 5c00164          | 0         | 5c00164          | 0                  |
| BBH      | um15091       | 5d00039          | 6.00E-94  | 5d00039          | 1.00E-110          |
| BBH      | um11922       | 5c00067          | 2.00E-18  | 5c00067          | 1.00E-150          |
| BBH      | um02628       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um10294       | 5c00083          | 1.00E-18  | 5c00083          | 2.00E-19           |
| BBH      | um2810        | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02796       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02574       | 5c00083          | 1.00E-180 | 5c00083          | 1.00E-180          |
| BBH      | um11927       | 5c00083          | 4.00E-80  | 5c00083          | 2.00E-80           |
| BBH      | um10285       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02651       | 5c00083          | 1.00E-170 | 5c00083          | 1.00E-174          |
| BBH      | um02552       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02546       | 5c00083          | 1.00E-109 | 5c00083          | 1.00E-121          |
| BBH      | um11925       | 5c00083          | 2.00E-51  | 5c00083          | 3.00E-51           |
| BBH      | um02665       | 5c00083          | 8.00E-41  | 5c00083          | 6.00E-40           |
| BBH      | um10307       | 5c00083          | 1.00E-150 | 5c00083          | 1.00E-148          |
| BBH      | um11926       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02584       | 5c00083          | 4.00E-62  | 5c00083          | 4.00E-62           |
| BBH      | um02596       | 5c00083          | 5.00E-50  | 5c00083          | 5.00E-51           |
| BBH      | um10279       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02799       | 5c00083          | 0         | 5c00083          | 0                  |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH      | um02594.2     | 5c00083          | 1.00E-164 | 5c00083          | 1.00E-163          |
| BBH 5c00148 | um02530 | 3.00E-91 | um02530 | 5c00148 | 8.00E-82 |
| BBH 5d00099 | um10287 | 0 | um10287 | 5d00099 | 0 |
| BBH 5d00100 | um10286 | 3.00E-56 | um10286 | 5d00100 | 1.00E-56 |
| BBH 5c00058 | um02701.2 | 1.00E-114 | um02701.2 | 5c00058 | 1.00E-115 |
| BBH 5d00136 | um02531 | 1.00E-152 | um02531 | 5d00136 | 1.00E-152 |
| BBH 5d00004 | um02792 | 0 | um02792 | 5d00004 | 0 |
| NNN 5c00143 | 6.00E-16 | um02535 | 5c00145 | 1.00E-14 |
| BBH 5d00115 | um02583 | 0 | um02583 | 5d00115 | 0 |
| BBH 5c00115 | um02591 | 5.00E-38 | um02591 | 5c00115 | 0 |
| BBH 5c00058 | um02654 | 1.00E-142 | um02654 | 5c00058 | 1.00E-140 |
| BBH 5d00110 | um02592 | 1.00E-174 | um02592 | 5d00110 | 1.00E-177 |
| NNN 5d00059 | um10313 | 5.00E-38 | um10313 | 5d00059 | 1.00E-14 |
| BBH 5c00098 | um02619 | 0 | um02619 | 5c00098 | 0 |
| NNN 5c00157 | um11410 | 0 |
| BBH 5c00073 | um02683 | 0 | um02683 | 5c00073 | 0 |
| BBH 5c00005 | um02802 | 0 | um02802 | 5c00005 | 0 |
| BBH 5d00079 | um02649 | 0 | um02649 | 5d00079 | 0 |
| BBH 5c00029 | um02742 | 0 | um02742 | 5c00029 | 0 |
| BBH 5c00091 | um02620 | 1.00E-95 | um02620 | 5c00091 | 5.00E-92 |
| BBH 5c00153 | um02521 | 1.00E-177 | um02521 | 5c00153 | 1.00E-167 |
| BBH 5c00064 | um15061.2 | 0 | um15061.2 | 5c00064 | 0 |
| BBH 5c00111 | um02784 | 1.00E-165 | um02784 | 5c00111 | 0 |
| NNN 5c00043 | um02719 | 1.00E-165 |
| BBH 5d00085 | um02639 | 0 | um02639 | 5d00085 | 0 |
| BBH 5d00037 | um02720.2 | 1.00E-165 | um02720.2 | 5d00037 | 1.00E-166 |
| BBH 5d00090 | um02624 | 1.00E-178 | um02624 | 5d00090 | 1.00E-167 |
| NNN 5c00114 | um10280 | 6.00E-31 |
| BBH 5c00092 | um02622 | 1.00E-101 | um02622 | 5c00092 | 9.00E-89 |
| BBH 5c00042 | um02725 | 0 | um02725 | 5c00042 | 0 |
| NNN 5c00057 | um02700 | 7.00E-73 |
| BBH 5c00113 | um02595 | 0 | um02595 | 5c00113 | 0 |
| BBH 5d00001 | um11961 | 3.00E-21 | um11961 | 5d00001 | 3.00E-21 |
| BBH 5d00125 | um02564 | 3.00E-69 | um02564 | 5d00125 | 3.00E-67 |
| BBH 5d00047 | um02707 | 3.00E-57 | um02707 | 5d00047 | 2.00E-56 |
| BBH 5d00114 | um02586 | 0 | um02586 | 5d00114 | 0 |
| BBH 5c00149 | um02529 | 0 | um02529 | 5c00149 | 0 |
| BBH 5d00089 | um02623 | 0 | um02623 | 5d00089 | 0 |
| BBH 5d00106 | um02600 | 0 | um02600 | 5d00106 | 0 |
| BBH 5d00098 | um02618.2 | 1.00E-165 | um02618.2 | 5d00098 | 1.00E-174 |
| BBH 5d00143 | um11412 | 1.00E-34 | um11412 | 5d00143 | 1.00E-34 |
| BBH 5c00123 | um02577 | 0 | um02577 | 5c00123 | 0 |
| BBH 5c00145 | um02535 | 1.00E-14 | um02535 | 5c00145 | 1.00E-14 |
| BBH 5d00058 | um02678 | 1.00E-104 | um02678 | 5d00058 | 1.00E-110 |
| NNN 5d00122 | um02568 | 0 |
| BBH 5d00072 | um02662 | 0 | um02662 | 5d00072 | 0 |
| BBH 5c00079 | um10305 | 0 | um10305 | 5c00079 | 0 |
| BBH 5c00131 | um02556 | 2.00E-76 | um02556 | 5c00131 | 3.00E-43 |
| BBH 5d00020 | um02754 | 2.00E-94 | um02754 | 5d00020 | 2.00E-94 |
| BBH 5d00137 | um02528 | 0 | um02528 | 5d00137 | 0 |
| BBH 5c00050 | um11716 | 3.00E-40 | um11716 | 5c00050 | 3.00E-40 |
| BBH 5d00012 | um02778 | 0 | um02778 | 5d00012 | 0 |
| BBH 5c00010 | um10605 | 1.00E-167 | um10605 | 5c00010 | 1.00E-155 |
| NNN 5c00037 | um02732 | 7.00E-24 |
| BBH 5d00103 | um10284 | 0 | um10284 | 5d00103 | 0 |
| BBH 5c00105 | um02610 | 1.00E-137 | um02610 | 5c00105 | 1.00E-129 |
| BBH 5c00154 | um02519 | 0 | um02519 | 5c00154 | 0 |
| NNN 5d00111 | um01868 | 1.00E-49 | um01868 | 22d00215 | 0 |
| BBH 5c00019 | um02768 | 4.00E-34 | um02768 | 5c00019 | 4.00E-34 |
| BBH 5c00147 | um11414 | 1.00E-105 | um11414 | 5c00147 | 1.00E-114 |
| BBH 5d00057 | um02676 | 0 | um02676 | 5d00057 | 0 |
| NNN 5d00068 | um02685 | 0 |
| BBH 5d00017 | um02765 | 0 | um02765 | 5d00017 | 0 |
| BBH | 5d00081 | um02645 | 1.00E-77 | 5d00081 | 1.00E-78 |
|------|---------|---------|----------|---------|----------|
| BBH | 5d00013 | um10598 | 1.00E-80 | 5d00013 | 1.00E-80 |
| BBH | 5c00015 | um02775 | 2.00E-75 | 5c00015 | 2.00E-76 |
| BBH | 5d00026 | um02740 | 0        | 5d00026 | 0        |
| BBH | 5d00066 | um10309 | 0        | 5d00066 | 0        |
| NNN | 5c00086 | um10301 | 7.00E-85 | 5c00086 | 7.00E-85 |
| BBH | 5d00132 | um02548 | 0        | 5d00132 | 0        |
| BBH | 5c00103 | um02613 | 0        | 5c00103 | 0        |
| BBH | 5d00045 | um11717 | 0        | 5d00045 | 0        |
| BBH | 5c00136 | um02550 | 2.00E-38 | 5c00136 | 4.00E-36 |
| BBH | 5c00049 | um10598 | 0        | 5c00049 | 0        |
| BBH | 5d00066 | um02688 | 1.00E-137| 5d00066 | 1.00E-149|
| BBH | 5d00007 | um02783 | 0        | 5d00007 | 0        |
| BBH | 5d00016 | um10597 | 2.00E-92 | 5d00016 | 1.00E-103|
| BBH | 5c00129 | um02560 | 4.00E-98 | 5c00129 | 4.00E-98 |
| BBH | 5d00024 | um02751 | 8.00E-73 | 5d00024 | 9.00E-76 |
| BBH | 5d00038 | um02718 | 0        | 5d00038 | 0        |
| BBH | 5c00156 | um11411 | 3.00E-50 | 5c00156 | 2.00E-51 |
| BBH | 5d00035 | um02723.2| 0        | 5d00035 | 0        |
| BBH | 5d00095 | um02631 | 0        | 5d00095 | 0        |
| BBH | 5d00048 | um02708 | 5.00E-17 | 5d00048 | 3.00E-31 |
| BBH | 5c00072 | um02684 | 1.00E-163| 5c00072 | 1.00E-164|
| BBH | 5d00121 | um10277.2| 0        | 5d00121 | 0        |
| BBH | 5c00078 | um02663 | 1.00E-122| 5c00078 | 1.00E-118|
| BBH | 5c00039 | um02729 | 1.00E-145| 5c00039 | 1.00E-147|
| BBH | 5c00124 | um02576 | 0        | 5c00124 | 0        |
| BBH | 5d00065 | um10310 | 1.00E-157| 5d00065 | 1.00E-159|
| BBH | 5c00007 | um02797 | 6.00E-37 | 5c00007 | 1.00E-34 |
| BBH | 5d00102 | um02614 | 0        | 5d00102 | 0        |
| BBH | 5d00088 | um10290 | 0        | 5d00088 | 0        |
| BBH | 5c00093 | um02625 | 0        | 5c00093 | 0        |
| BBH | 5d00008 | um02782 | 0        | 5d00008 | 0        |
| BBH | 5c00128 | um02562 | 0        | 5c00128 | 0        |
| NNN | 5d00116 | um02679 | 2.00E-90 | 5d00116 | 2.00E-40 |
| NNN | 5c00046 | um02716 | 2.00E-40 | 5c00046 | 2.00E-40 |
| BBH | 5d00009 | um02779 | 0        | 5d00009 | 0        |
| BBH | 5d00133 | um11713 | 0        | 5d00133 | 0        |
| BBH | 5c00074 | um02682 | 0        | 5c00074 | 0        |
| BBH | 5c00089 | um02640 | 1.00E-175| 5c00089 | 1.00E-175|
| BBH | 5d00077 | um02657 | 0        | 5d00077 | 0        |
| BBH | 5d00147 | um11409 | 0        | 5d00147 | 0        |
| BBH | 5c00044 | um11719 | 1.00E-137| 5c00044 | 1.00E-137|
| BBH | 5c00107 | um02605.2| 0        | 5c00107 | 0        |
| BBH | 5d00140 | um02523 | 1.00E-102| 5d00140 | 1.00E-103|
| BBH | 5c00069 | um02674 | 7.00E-34 | 5c00069 | 4.00E-30 |
| BBH | 5c00114 | um02777 | 1.00E-125| 5c00114 | 1.00E-125|
| BBH | 5c00023 | um02758 | 1.00E-175| 5c00023 | 1.00E-175|
| BBH | 5c00130 | um02558 | 1.00E-140| 5c00130 | 1.00E-151|
| BBH | 5c00033 | um11725 | 1.00E-178| 5c00033 | 0        |
| BBH | 5c00135 | um02551 | 4.00E-35 | 5c00135 | 2.00E-40 |
| BBH | 5c00139 | um15046 | 1.00E-173| 5c00139 | 1.00E-173|
| BBH | 5d00053 | um02703 | 0        | 5d00053 | 0        |
| BBH | 5c00095 | um02630 | 0        | 5c00095 | 0        |
| BBH | 5d00063 | um02687 | 0        | 5d00063 | 0        |
| BBH | 5c00141 | um02542 | 1.00E-103| 5c00141 | 1.00E-100|
| BBH | 5c00104 | um02611 | 6.00E-83 | 5c00104 | 8.00E-97 |
| BBH | 5c00006 | um10607 | 3.00E-37 | 5c00006 | 1.00E-42 |
| BBH | 5d00025 | um02743 | 1.00E-142| 5d00025 | 1.00E-144|
| BBH | 5d00049 | um02693 | 0        | 5d00049 | 0        |
| BBH | 5d00034 | um11722 | 1.00E-174| 5d00034 | 1.00E-175|
| NNN | 5c00035 | um02736 | 3.00E-15 | 5c00035 | 0        |
| Address | Flags | Value | Address | Flags | Value |
|---------|-------|-------|---------|-------|-------|
| 6d00008 | um05964 | 6d00008 | 0 | um05964 | 0 |
| 6c00060 | um02178 | 6c00060 | 1.00E-144 | um02178 | 1.00E-143 |
| 6d00015 | um05944 | 6d00015 | 1.00E-11 | um05944 | 0 |
| 6c00029 | um02045 | 6c00029 | 4.00E-43 | um02045 | 8.00E-43 |
| 6d00054 | um02793 | 6d00054 | 0 | um02793 | 0 |
| 6c00078 | um02134 | 6c00078 | 1.00E-138 | um02134 | 1.00E-129 |
| 6d00013 | um15031 | 6d00013 | 0 | um15031 | 0 |
| 6d00053 | um02303 | 6d00053 | 0 | um02303 | 0 |
| 6d00022 | um0928 | 6d00022 | 2.00E-17 | um0928 | 5.00E-26 |
| 6c00013 | um11462 | 6c00013 | 2.00E-96 | um11462 | 7.00E-89 |
| 6d00042 | um02208 | 6d00042 | 0 | um02208 | 0 |
| 6d00025 | um0937 | 6d00025 | 0 | um0937 | 0 |
| 6c00055 | um02185 | 6c00055 | 8.00E-83 | um02185 | 5.00E-83 |
| 6d00099 | um12182 | 6d00099 | 2.00E-74 | um12182 | 6.00E-73 |
| 6d00103 | um02103 | 6d00103 | 3.00E-69 | um02103 | 0 |
| 6d0002 | um0974 | 6d0002 | 1.00E-118 | um0974 | 1.00E-110 |
| 6c00116 | um11912 | 6c00116 | 1.00E-156 | um11912 | 1.00E-172 |
| 6d00129 | um02046 | 6d00129 | 1.00E-134 | um02046 | 1.00E-137 |
| 6d00075 | um02164 | 6d00075 | 0 | um02164 | 0 |
| 6d00043 | um02207 | 6d00043 | 0 | um02207 | 0 |
| 6d00058 | um10066 | 6d00058 | 2.00E-58 | um10066 | 2.00E-58 |
| 6d00083 | um02156 | 6d00083 | 6.00E-85 | um02156 | 8.00E-88 |
| 6d00086 | um05942 | 6d00086 | 1.00E-138 | um05942 | 1.00E-168 |
| 6d00063 | um02175 | 6d00063 | 0 | um02175 | 0 |
| 6d00110 | um10077 | 6d00110 | 0 | um10077 | 0 |
| 6d00069 | um10064 | 6d00069 | 0 | um10064 | 0 |
| 6d00068 | um02179 | 6d00068 | 6.00E-95 | um02179 | 1.00E-86 |
| 6d00032 | um02229 | 6d00032 | 7.00E-26 | um02229 | 7.00E-26 |
| 6d00036 | um02221 | 6d00036 | 0 | um02221 | 0 |
| 6d00117 | um15045 | 6d00117 | 0 | um15045 | 0 |
| 6d00104 | um02113 | 6d00104 | 7.00E-43 | um02113 | 1.00E-50 |
| 6d00113 | um11913 | 6d00113 | 0 | um11913 | 0 |
| 6d00012 | um05951 | 6d00012 | 0 | um05951 | 0 |
| 6d00126 | um02052 | 6d00126 | 0 | um02052 | 0 |
| 6d00101 | um02012 | 6d00101 | 0 | um02012 | 0 |
| 6d00074 | um02165 | 6d00074 | 2.00E-95 | um02165 | 2.00E-95 |
| 6d00114 | um02077 | 6d00114 | 1.00E-105 | um02077 | 1.00E-107 |
| 6d00006 | um05971 | 6d00006 | 0 | um05971 | 0 |
| 6d00039 | um02126 | 6d00039 | 1.00E-114 | um02126 | 1.00E-119 |
| 6d00010 | um02088 | 6d00010 | 1.00E-147 | um02088 | 1.00E-145 |
| 6d00091 | um02116 | 6d00091 | 0 | um02116 | 0 |
| 6d00080 | um02147 | 6d00080 | 0 | um02147 | 0 |
| 6d00120 | um02064 | 6d00120 | 4.00E-53 | um02064 | 8.00E-54 |
| 6d00080 | um10060 | 6d00080 | 6.00E-99 | um10060 | 1.00E-112 |
| 6d00045 | um02215 | 6d00045 | 0 | um02215 | 0 |
| 6d00071 | um02158 | 6d00071 | 0 | um02158 | 0 |
| 6d00136 | um06491 | 6d00136 | 0 | um06491 | 0 |
| 6d00041 | um10073 | 6d00041 | 0 | um10073 | 0 |
| 6d00108 | um12181 | 6d00108 | 0 | um12181 | 0 |
| 6d00050 | um02198 | 6d00050 | 4.00E-73 | um02198 | 5.00E-73 |
| 6d00089 | um02133 | 6d00089 | 1.00E-124 | um02133 | 1.00E-112 |
| 6d00127 | um11458 | 6d00127 | 0 | um11458 | 0 |
| 6d00017 | um0952 | 6d00017 | 0 | um0952 | 0 |
| 6d00117 | um02070 | 6d00117 | 1.00E-110 | um02070 | 1.00E-113 |
| 6d00092 | um02127 | 6d00092 | 1.00E-75 | um02127 | 2.00E-76 |
| 6d00052 | um02191 | 6d00052 | 1.00E-145 | um02191 | 1.00E-151 |
| 6d00062 | um10065 | 6d00062 | 4.00E-70 | um10065 | 0 |
| 6d00056 | um02197 | 6d00056 | 1.00E-162 | um02197 | 1.00E-156 |
| 6d00044 | um02217 | 6d00044 | 0 | um02217 | 0 |
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|---------|---------|---------|---------|---------|
| 6c00072 | um02144 | 0       | um02144 | 6c00072 |
| 6d00050 | um10072 | 0       | um10072 | 6d00050 |
| 6c00066 | um02168.2 | 0       | um02168.2 | 6c00066 |
| 6c00107 | um11470 | 9.00E-44 |         |         |
| 6c00088 | um02202 | 4.00E-63 | um02202 | 6c00088 |
| 6d00085 | um02123 | 0       | um02123 | 6d00085 |
| 6d00067 | um02180 | 0       | um02180 | 6d00067 |
| 6c00100 | um12183 | 0       | um12183 | 6c00100 |
| 6c00027 | um12025 | 1.00E-121 | um12025 | 6c00027 |
| 6c00122 | um02062 | 0       | um02062 | 6c00122 |
| 6c00092 | um02115 | 0       | um02115 | 6c00092 |
| 6c00038 | um02218 | 0       | um02218 | 6c00038 |
| 6d00073 | um02166 | 0       | um02166 | 6d00073 |
| 6c00102 | um02103 | 1.00E-108 |         |         |
| 6d00107 | um02089 | 0       | um02089 | 6d00107 |
| 6c00102 | um02108 | 0       | um02108 | 6c00102 |
| 6c00035 | um12074 | 0       | um12074 | 6c00035 |
| 6c00005 | um05972 | 0       | um05972 | 6c00005 |
| 6c00061 | um02177.2 | 0       | um02177.2 | 6c00061 |
| 6d00007 | um05966 | 0       | um05966 | 6d00007 |
| 6d00081 | um02148 | 0       | um02148 | 6d00081 |
| 6c00082 | um02126 | 1.00E-156 | um02126 | 6c00082 |
| 6d00047 | um02211 | 0       | um02211 | 6d00047 |
| 6d00055 | um02199 | 1.00E-119 | um02199 | 6d00055 |
| 6d00123 | um11460 | 0       | um11460 | 6d00123 |
| 6d00091 | um10059 | 7.00E-33 |         |         |
| 6d00014 | um05947.2 | 2.00E-69 | um05947.2 | 6d00014 |
| 6d00093 | um10057 | 1.00E-65 | um10057 | 6d00093 |
| 6c00065 | um02169 | 0       | um02169 | 6c00065 |
| 6d00072 | um02167 | 1.00E-152 |         |         |
| 6d00019 | um05936 | 1.00E-135 | um05936 | 6d00019 |
| 6c00032 | um02235 | 0       | um02235 | 6c00032 |
| 6d00021 | um05933 | 0       | um05933 | 6d00021 |
| 6d00087 | um02135 | 2.00E-29 | um02135 | 6d00087 |
| 6c00112 | um11915 | 3.00E-34 | um11915 | 6c00112 |
| 6d00066 | um02181 | 0       | um02181 | 6d00066 |
| 6d00026 | um02151 | 1.00E-136 | um02151 | 6d00026 |
| 6d00058 | um02196 | 4.00E-27 | um02196 | 6d00058 |
| 6d00037 | um02227 | 0       | um02227 | 6d00037 |
| 6d00128 | um11910 | 1.00E-173 | um11910 | 6d00128 |
| 6d00115 | um02072 | 1.00E-142 | um02072 | 6d00115 |
| 6c00106 | um02104.2 | 0       | um02104.2 | 6c00106 |
| 6d00110 | um02081 | 0       | um02081 | 6d00110 |
| 6c00011 | um05961 | 1.00E-178 | um05961 | 6c00011 |
| 6c00079 | um02132 | 1.00E-122 | um02132 | 6c00079 |
| 6c00070 | um02159 | 0       | um02159 | 6c00070 |
| 6d00105 | um02111 | 1.00E-142 | um02111 | 6d00105 |
| 6d00100 | um11468 | 0       | um11468 | 6d00100 |
| 6c00059 | um02182 | 1.00E-154 | um02182 | 6c00059 |
| 6c00120 | um02065 | 0       | um02065 | 6c00120 |
| 6d00010 | um10863 | 1.00E-172 | um10863 | 6d00010 |
| 6c00048 | um10071 | 6.00E-37 |         |         |
| 6c00045 | um02201.2 | 1.00E-139 | um02201.2 | 6c00045 |
| 6c00054 | um10069 | 1.00E-157 | um10069 | 6c00054 |
| 6c00119 | um02068 | 8.00E-24 | um02068 | 6c00119 |
| 6d00046 | um02212 | 0       | um02212 | 6d00046 |
| 6c00074 | um02149 | 2.00E-71 | um02149 | 6c00074 |
| 6c00134 | um02035 | 1.00E-162 | um02035 | 6c00134 |
| 6c00071 | um02170 | 1.00E-159 | um02170 | 6c00071 |
| 6c00097 | um02095 | 1.00E-147 | um02095 | 6c00097 |
| 6c00068 | um02162 | 4.00E-70 | um02162 | 6c00068 |
| 6d00131 | um02039 | 1.00E-137 | um02039 | 6d00131 |
| BBH       | um02128 | 1.00E-101 | um02128 | 6c00081 | 7.00E-89 |
| BBH       | um12094 | 9.00E-41   | um12094 | 6d00079 | 9.00E-41 |
| BBH       | um12097 | 4.00E-33   | um12097 | 6d00065 | 4.00E-33 |
| BBH       | um02097 | 1.00E-164  | um02097 | 6c00098 | 1.00E-143 |
| BBH       | um05923 | 1.00E-128  | um05923 | 6c00031 | 1.00E-127 |
| BBH       | um11907.2 | 0 | um11907.2 | 6c00133 | 1.00E-180 |
| BBH       | um05960 | 3.00E-22   | um05960 | 6d00088 | 1.00E-30  |
| BBH       | um05949 | 1.00E-114  | um05949 | 6d00090 | 1.00E-105 |
| BBH       | um12096 | 1.00E-119  | um12096 | 6d00070 | 1.00E-122 |
| BBH       | um02232 | 7.00E-49   | um02232 | 6d00031 | 3.00E-47  |
| BBH       | um10864 | 7.00E-80   | um10864 | 6d00009 | 7.00E-80  |
| BBH       | um05954 | 1.00E-156  | um05954 | 6d00011 | 1.00E-163 |
| BBH       | um02079 | 1.00E-45   | um02079 | 6c00113 | 2.00E-47  |
| BBH       | um12316 | 0          | um12316 | 6d00027 | 0        |
| BBH       | um10075 | 1.00E-42   | um10075 | 6d00036 | 1.00E-42  |
| BBH       | um02067 | 1.00E-123  | um02067 | 6d00118 | 1.00E-132 |
| BBH       | um02083 | 0          | um02083 | 6d00109 | 0        |
| NNN       | um02037 | 0          | um02037 | 6d00132 | 0        |
| BBH       | um02094 | 6.00E-88   | um02094 | 6d00030 | 2.00E-93  |
| BBH       | um02044 | 6.00E-88   | um02044 | 6d00030 | 2.00E-93  |
| BBH       | um02093 | 1.00E-114  | um02093 | 6d00098 | 1.00E-101 |
| BBH       | um02044 | 6.00E-88   | um02044 | 6d00030 | 2.00E-93  |
| BBH       | um02093 | 1.00E-114  | um02093 | 6d00098 | 1.00E-101 |
| BBH       | um11469 | 3.00E-88   | um11469 | 6d00103 | 8.00E-87  |
| BBH       | um02224 | 0          | um02224 | 6d00040 | 0        |
| BBH       | um02236 | 6.00E-88   | um02236 | 6d00030 | 2.00E-93  |
| BBH       | um05959 | 0          | um05959 | 6d00013 | 0        |
| BBH       | um10077 | 0          | um10077 | 6d00028 | 0        |
| BBH       | um11306 | 1.00E-37   | um11306 | 6c00056 | 1.00E-47  |
| BBH       | um04046 | 4.00E-49   | um04046 | 6d00005 | 0        |
| BBH       | um02225 | 9.00E-98   | um02225 | 6d00039 | 2.00E-91  |
| BBH       | um05940 | 5.00E-66   | um05940 | 6d00017 | 1.00E-60  |
| BBH       | um05924 | 4.00E-25   | um05924 | 6d00030 | 1.00E-36  |
| BBH       | um02092 | 9.00E-46   | um02092 | 6d00097 | 1.00E-47  |
| BBH       | um10068 | 0          | um10068 | 6d00063 | 0        |
| BBH       | um02091 | 1.00E-148  | um02091 | 6c00095 | 1.00E-149 |
| BBH       | um10074 | 1.00E-44   | um10074 | 6c00035 | 1.00E-46  |
| BBH       | um02040 | 1.00E-166  | um02040 | 6c00132 | 1.00E-166 |
| BBH       | um05938 | 1.00E-135  | um05938 | 6c00024 | 1.00E-139 |
| BBH       | um02107 | 5.00E-74   | um02107 | 6c00104 | 1.00E-77  |
| BBH       | um02069 | 9.00E-59   | um02069 | 6c00118 | 6.00E-59  |
| BBH       | um11459.2 | 1.00E-104 | um11459.2 | 6c00126 | 1.00E-112 |
| BBH       | um10861 | 0          | um10861 | 6c00020 | 1.00E-177 |
| BBH       | um02157 | 0          | um02157 | 6d00084 | 0        |
| BBH       | um01062 | 0          | um01062 | 6c00075 | 0        |
| BBH       | um05925 | 0          | um05925 | 6d00023 | 0        |
| BBH       | um02034 | 1.00E-42   | um02034 | 6d00133 | 1.00E-42  |
| BBH       | um02209 | 0          | um02209 | 6d00049 | 0        |
| BBH       | um05965 | 4.00E-61   | um05965 | 6c00009 | 2.00E-61  |
| BBH       | um05958 | 0          | um05958 | 6c00014 | 0        |
| BBH       | um11464 | 3.00E-59   | um11464 | 6d00096 | 4.00E-59  |
| BBH       | um02234 | 3.00E-62   | um02234 | 6d00029 | 3.00E-62  |
| BBH       | um15026 | 0          | um15026 | 6d00004 | 0        |
| BBH       | um10898 | 1.00E-144  | um10898 | 6d00006 | 1.00E-144 |
| Area   | Offset | Value          | Offset       | Value          | Area   | Offset | Value          |
|--------|--------|----------------|--------------|----------------|--------|--------|----------------|
| BBH    | 6c00105| 1.00E-137      | um02105      | 6c00105        | 1.00E-144|
| NNN    | 6c00053| 1.00E-166      | um02189      | 6c00010        | 1.00E-150|
| BBH    | 6d00116| 3.00E-56       | um04109      | 6d00116        | 9.00E-59 |
| BBH    | 6d00116| 6.00E-35       | um02071      | 6d00116        | 5.00E-30 |
| BBH    | 6d00127| 0              | um02050      | 6d00127        | 0       |
| BBH    | 6d00077| 0              | um02160      | 6d00077        | 0       |
| BBH    | 6c00033| 0              | um02237      | 6c00033        | 0       |
| BBH    | 6d00062| 1.00E-59       | um02186      | 6d00062        | 8.00E-66 |
| BBH    | 6d00020| 1.00E-106      | um05934      | 6d00020        | 1.00E-97 |
| BBH    | 6d00052| 0              | um02204      | 6d00052        | 0       |
| BBH    | 6d0018| 1.00E-69       | um05939      | 6d0018         | 7.00E-67 |
| BBH    | 6d00043| 1.00E-37       | um12099      | 6d00043        | 1.00E-45 |
| BBH    | 6c00069| 0              | um02161      | 6c00069        | 0       |
| BBH    | 6d00131| 1.00E-166      | um02041      | 6d00131        | 1.00E-153|
| BBH    | 6d00023| 1.00E-54       | um12027      | 6d00023        | 1.00E-54 |
| BBH    | 6d00093| 1.00E-132      | um02114      | 6d00093        | 1.00E-120|
| BBH    | 6d00078| 4.00E-66       | um10061      | 6d00078        | 2.00E-62 |
| BBH    | 6d00073| 0              | um02146      | 6d00073        | 0       |
| BBH    | 6c00034| 0              | um11189      | 6c00034        | 0       |
| BBH    | 6d00096| 9.00E-56       | um02094      | 6d00096        | 1.00E-55 |
| NNN    | 6c00049| 0              | um02213      | 6c00049        | 0       |
| BBH    | 6d00106| 3.00E-98       | um11472      | 6d00106        | 1.00E-103|
| BBH    | 6c00111| 1.00E-42       | um11916      | 6c00111        | 1.00E-42 |
| BBH    | 6d00134| 0              | um11905      | 6d00134        | 0       |
| BBH    | 6c00076| 0              | um02154      | 6c00076        | 0       |
| BBH    | 6d00040| 1.00E-177      | um02214.2    | 6d00040        | 1.00E-173|
| BBH    | 6d00085| 0              | um02142      | 6d00085        | 0       |
| BBH    | 6c00125| 0              | um02057      | 6c00125        | 0       |
| BBH    | 6c00084| 1.00E-100      | um02124      | 6c00084        | 1.00E-101|
| BBH    | 7c00025| 0              | um05862      | 7c00025        | 0       |
| BBH    | 7d00066| 0              | um02249      | 7d00066        | 0       |
| BBH    | 7d00146| 0              | um01250      | 7d00146        | 0       |
| BBH    | 7d00030| 0              | um05854      | 7d00030        | 0       |
| BBH    | 7c00053| 0              | um05917      | 7c00053        | 0       |
| BBH    | 7c00260| 0              | um01012      | 7c00260        | 0       |
| BBH    | 7d00114| 5.00E-84       | um02353      | 7d00114        | 2.00E-84 |
| BBH    | 7d00216| 1.00E-133      | um01112      | 7d00216        | 1.00E-129|
| BBH    | 7c00359| 0              | um05247      | 7c00359        | 0       |
| BBH    | 7d00138| 8.00E-74       | um01265      | 7d00138        | 3.00E-66 |
| BBH    | 7c00269| 0              | um00992      | 7c00269        | 0       |
| BBH    | 7c00661| 1.00E-171      | um02242      | 7c00661        | 1.00E-169|
| BBH    | 7c00186| 2.00E-60       | um11652      | 7c00186        | 3.00E-64 |
| BBH    | 7c00296| 0              | um00896      | 7c00296        | 0       |
| BBH    | 7c00278| 9.00E-88       | um04984      | 7c00278        | 1.00E-96 |
| BBH    | 7c00038| 0              | um05889      | 7c00038        | 0       |
| BBH    | 7d00213| 0              | um01115      | 7d00213        | 0       |
| BBH    | 7d00326| 0              | um00886      | 7d00326        | 0       |
| BBH    | 7c00075| 0              | um11396      | 7c00075        | 0       |
| BBH    | 7d00099| 0              | um11191      | 7d00099        | 0       |
| BBH    | 7d00229| 0              | um01087      | 7d00229        | 0       |
| BBH    | 7c00002| 0              | um05801      | 7c00002        | 0       |
| BBH    | 7c00167| 0              | um01186      | 7c00167        | 0       |
| BBH    | 7c00211| 1.00E-121      | um11283      | 7c00211        | 1.00E-120|
| BBH    | 7d00300| 0              | um00947      | 7d00300        | 0       |
| BBH    | 7c00206| 1.00E-138      | um01121      | 7c00206        | 1.00E-138|
| BBH    | 7d00444| 2.00E-69       | um05891      | 7d00444        | 8.00E-64 |
| BBH    | 7d00293| 0              | um10587      | 7d00293        | 0       |
| BBH    | 7d00080| 1.00E-93       | um02282      | 7d00080        | 1.00E-93 |
| BBH    | 7d00305| 2.00E-28       | um10611      | 7d00305        | 2.00E-28 |
| BBH    | 7c00110| 7.00E-16       | um02297      | 7c00110        | 1.00E-15 |
| BBH    | 7d00241| 0              | um11852      | 7d00241        | 0       |
| BBH   | um02304 | 2.00E-25 | um02304 | 7d00092 | 8.00E-23 |
|-------|---------|----------|---------|---------|----------|
| BBH   | um02357 | 0        | um02357 | 7c00121 | 0        |
| BBH   | um11277 | 2.00E-93 | um11277 | 7c00228 | 2.00E-93 |
| BBH   | um05899 | 1.00E-107| um05899 | 7d00048 | 1.00E-98 |
| BBH   | um02345 | 3.00E-91 | um02345 | 7c00114 | 1.00E-89 |
| BBH   | um00990 | 1.00E-121| um00990 | 7c00273 | 1.00E-122|
| BBH   | um02276 | 1.00E-86 | um02276 | 7c00081 | 7.00E-96 |
| BBH   | um11187 | 4.00E-85 | um11187 | 7c00007 | 7.00E-94 |
| BBH   | um02254 | 7.00E-53 | um02254 | 7c00070 | 9.00E-55 |
| NNN   | um01200 | 0        |         |         |          |
| BBH   | um00988 | 1.00E-111| um00988 | 7d00272 | 1.00E-116|
| BBH   | um00982 | 1.00E-75 | um00982 | 7d00279 | 7.00E-76 |
| BBH   | um10593 | 0        | um10593 | 7d00154 | 0        |
| NNN   | um05894 | 3.00E-50 | um05894 | 7c00042 | 5.00E-88 |
| BBH   | um01045 | 1.00E-148| um01045 | 7c00245 | 1.00E-145|
| BBH   | um00841 | 0        | um00841 | 7d00355 | 0        |
| BBH   | um11184 | 0        | um11184 | 7d00002 | 0        |
| NNN   | um10570 | 1.00E-170|         |         |          |
| BBH   | um05908 | 1.00E-101| um05908 | 7d00053 | 3.00E-88 |
| BBH   | um00948 | 0        | um00948 | 7c00288 | 0        |
| BBH   | um10586 | 0        | um10586 | 7d00294 | 0        |
| BBH   | um05880 | 1.00E-156| um05880 | 7c00035 | 1.00E-157|
| BBH   | um00933 | 1.00E-117| um00933 | 7c00316 | 1.00E-131|
| BBH   | um11705 | 4.00E-36 | um11705 | 7d00103 | 8.00E-41 |
| BBH   | um05893 | 1.00E-141| um05893 | 7d00045 | 1.00E-141|
| BBH   | um01194 | 0        | um01194 | 7d00174 | 0        |
| BBH   | um2401  | 7.00E-54 | um2401  | 7c00132 | 5.00E-52 |
| BBH   | um11842 | 1.00E-12 | um11842 | 7c00328 | 2.00E-18 |
| BBH   | um01177 | 0        | um01177 | 7c00175 | 0        |
| BBH   | um02252 | 0        | um02252 | 7c00069 | 1.00E-166|
| BBH   | um02331 | 0        | um02331 | 7c00106 | 0        |
| BBH   | um01062 | 0        | um01062 | 7c00249 | 0        |
| BBH   | um00919 | 1.00E-149| um00919 | 7d00317 | 1.00E-149|
| NNN   | um00898 | 0        |         |         |          |
| BBH   | um00840 | 0        | um00840 | 7c00297 | 0        |
| BBH   | um01017 | 0        | um01017 | 7c00257 | 0        |
| BBH   | um00975 | 2.00E-63 | um00975 | 7d00283 | 5.00E-67 |
| BBH   | um01251 | 2.00E-68 | um01251 | 7d00145 | 5.00E-78 |
| BBH   | um00851 | 1.00E-145| um00851 | 7c00344 | 1.00E-146|
| BBH   | um10620 | 1.00E-137| um10620 | 7c00313 | 1.00E-139|
| BBH   | um00866 | 1.00E-163| um00866 | 7d00341 | 1.00E-163|
| BBH   | um11273 | 0        | um11273 | 7c00233 | 0        |
| BBH   | um00922 | 1.00E-162| um00922 | 7c00309 | 1.00E-160|
| BBH   | um01004 | 3.00E-32 | um01004 | 7d00263 | 7.00E-31 |
| BBH   | um02400 | 0        | um02400 | 7d00124 | 0        |
| BBH   | um11392 | 1.00E-79 | um11392 | 7c00199 | 4.00E-84 |
| BBH   | um1161 | 0        | um1161 | 7c00189 | 0        |
| BBH   | um00903 | 0        | um00903 | 7c00300 | 0        |
| BBH   | um00928 | 3.00E-62 | um00928 | 7d00320 | 1.00E-50 |
| BBH   | um01216 | 0        | um01216 | 7c00153 | 0        |
| BBH   | um02342 | 1.00E-124| um02342 | 7d00109 | 1.00E-113|
| BBH   | um02305 | 7.00E-48 | um02305 | 7d00091 | 1.00E-58 |
| BBH   | um01088 | 0        | um01088 | 7d00228 | 0        |
| BBH   | um11649 | 1.00E-151| um11649 | 7d00196 | 1.00E-126|
| BBH   | um05811 | 0        | um05811 | 7d00008 | 0        |
| BBH   | um03228 | 0        | um03228 | 7c00326 | 0        |
| BBH   | um10789 | 5.00E-20 | um10789 | 7c00278 | 9.00E-23 |
| BBH   | um02266 | 0        | um02266 | 7c00076 | 0        |
| BBH   | um10614 | 9.00E-98 | um10614 | 7c00310 | 1.00E-99 |
| BBH   | um02253 | 0        | um02253 | 7d00067 | 0        |
| BBH   | um15037 | 1.00E-154| um15037 | 7d00137 | 1.00E-148|
| BBH   | um01010 | 3.00E-75 | um01010 | 7c00261 | 3.00E-72 |
| BBH  | um00958 | 0 | um00958 | 7c00285 | 0 |
| BBH  | um01051 | 0 | um01051 | 7c00247 | 0 |
| BBH  | um11642 | 0 | um11642 | 7c00200 | 0 |
| BBH  | um02361 | 3.00E-27 | um02361 | 7d00117 | 3.00E-27 |
| BBH  | um10128 | 9.00E-39 | um10128 | 7d00115 | 3.00E-38 |
| BBH  | um11195 | 0 | um11195 | 7c00021 | 0 |
| BBH  | um05803 | 1.00E-179 | um05803 | 7d00003 | 0 |
| BBH  | um01074 | 1.00E-115 | um01074 | 7c00230 | 1.00E-142 |
| BBH  | um11801 | 9.00E-14 | um11801 | 7d00061 | 6.00E-14 |
| BBH  | um02314 | 4.00E-37 | um02314 | 7c00093 | 4.00E-33 |
| BBH  | um11270 | 0 | um11270 | 7c00246 | 0 |
| BBH  | um00906.2 | 2.00E-45 | um00906.2 | 7c00303 | 3.00E-45 |
| BBH  | um02395 | 0 | um02395 | 7d00126 | 0 |
| BBH  | um10167 | 1.00E-148 | um10167 | 7d00012 | 1.00E-151 |
| BBH  | um01103 | 4.00E-55 | um01103 | 7c00214 | 1.00E-59 |
| BBH  | um01189 | 2.00E-73 | um01189 | 7d00006 | 4.00E-72 |
| BBH  | um11851 | 4.00E-70 | um11851 | 7c00238 | 2.00E-70 |
| NNN  | um01105 | 0 |
| BBH  | um15060 | 7.00E-84 | um15060 | 7d00012 | 6.00E-90 |
| BBH  | um12117 | 1.00E-25 | um12117 | 7d00162 | 3.00E-21 |
| BBH  | um01021 | 6.00E-45 | um01021 | 7c00083 | 4.00E-46 |
| BBH  | um00867 | 3.00E-44 | um00867 | 7d00104 | 1.00E-44 |
| BBH  | um01258 | 0 | um01258 | 7d00142 | 0 |
| BBH  | um10134 | 9.00E-93 | um10134 | 7c00019 | 4.00E-98 |
| BBH  | um05834 | 0 | um05834 | 7d00019 | 0 |
| BBH  | um02289 | 0 | um02289 | 7d00083 | 0 |
| BBH  | um05860 | 1.00E-132 | um05860 | 7d00034 | 1.00E-132 |
| BBH  | um11645 | 3.00E-57 | um11645 | 7c00192 | 3.00E-57 |
| BBH  | um00937 | 8.00E-49 | um00937 | 7d00030 | 8.00E-44 |
| BBH  | um01168 | 0 | um01168 | 7c00183 | 0 |
| BBH  | um01192 | 0 | um01192 | 7d00175 | 0 |
| NNN  | um01219 | 3.00E-33 |
| BBH  | um01131 | 0 | um01131 | 7d00026 | 0 |
| BBH  | um11260 | 0 | um11260 | 7c00338 | 0 |
| BBH  | um10565 | 7.00E-70 | um10565 | 7c00333 | 2.00E-69 |
| BBH  | um2263 | 8.00E-71 | um2263 | 7d00071 | 1.00E-70 |
| BBH  | um02396 | 1.00E-89 | um02396 | 7c00135 | 4.00E-80 |
| BBH  | um00986 | 1.00E-101 | um00986 | 7d00273 | 1.00E-100 |
| BBH  | um11998 | 4.00E-98 | um11998 | 7d00171 | 3.00E-97 |
| BBH  | um11867 | 0 | um11867 | 7c00143 | 0 |
| BBH  | um0016 | 1.00E-139 | um0016 | 7c00310 | 1.00E-155 |
| BBH  | um11400 | 1.00E-165 | um11400 | 7d00078 | 1.00E-165 |
| NNN  | um11256 | 0 |
| BBH  | um10127 | 2.00E-74 | um10127 | 7c00118 | 3.00E-74 |
| BBH  | um01067 | 0 | um01067 | 7d00028 | 0 |
| BBH  | um11799 | 8.00E-98 | um11799 | 7c00052 | 1.00E-101 |
| BBH  | um02280 | 0 | um02280 | 7d00079 | 0 |
| NNN  | um11038 | 1.00E-101 |
| BBH  | um02365 | 1.00E-143 | um02365 | 7c00125 | 1.00E-161 |
| BBH  | um11028 | 1.00E-175 | um11028 | 7d00040 | 1.00E-177 |
| BBH  | um12123 | 1.00E-160 | um12123 | 7d00024 | 1.00E-146 |
| BBH  | um05915 | 1.00E-172 | um05915 | 7d00058 | 0 |
| BBH  | um10138 | 1.00E-144 | um10138 | 7c00139 | 1.00E-151 |
| BBH  | um05922 | 0 | um05922 | 7c00058 | 0 |
| BBH  | um01144 | 1.00E-108 | um01144 | 7d00200 | 1.00E-111 |
| BBH  | um00980 | 2.00E-80 | um00980 | 7d00275 | 5.00E-82 |
| BBH  | um05809 | 0 | um05809 | 7d00007 | 0 |
| BBH  | um01266 | 1.00E-140 | um01266 | 7c00141 | 1.00E-157 |
| BBH  | um00950 | 0 | um00950 | 7d00298 | 0 |
| BBH  | um02275 | 0 | um02275 | 7d00077 | 0 |
| BBH  | um11258 | 2.00E-24 | um11258 | 7c00341 | 1.00E-25 |
| NNN  | um00876 | 0 |
| BBH   | um01022 | 5.00E-65 | um01022 | 7d00257 | 6.00E-67 |
| BBH   | um02247 | 0        | um02247 | 7c00065 | 0        |
| BBH   | um10130 | 0        | um10130 | 7c00124 | 0        |
| BBH   | um11022 | 1.00E-168 | um11022 | 7d00037 | 1.00E-158 |
| BBH   | um11853 | 0        | um11853 | 7c00237 | 0        |
| NNN   | um05899 | 0        | um01191 | 7c00096 | 0        |
| BBH   | um11402 | 4.00E-91 | um11402 | 7c00086 | 4.00E-86 |
| NNN   | um2264  | 1.00E-14 | um05890 | 7c0039  | 1.00E-88 |
| BBH   | um01211 | 1.00E-135 | um01211 | 7c00337 | 1.00E-132 |
| BBH   | um11261 | 2.00E-71 | um11261 | 7c00337 | 1.00E-71 |
| BBH   | um10791 | 1.00E-154 | um10791 | 7d00266 | 1.00E-142 |
| BBH   | um11815 | 1.00E-35 | um11815 | 7d00179 | 6.00E-45 |
| BBH   | um05820 | 0        | um05820 | 7d00012 | 0        |
| BBH   | um10588 | 0        | um10588 | 7d00289 | 0        |
| BBH   | um01162 | 0        | um01162 | 7c00179 | 0        |
| BBH   | um02367 | 1.00E-171 | um02367 | 7c00126 | 0        |
| BBH   | um0215  | 0        | um0215  | 7c00057 | 0        |
| BBH   | um11025 | 0        | um11025 | 7c00029 | 0        |
| NNN   | um01128 | 1.00E-116 | um01128 | 7d00345 | 3.00E-59 |
| BBH   | um01206 | 0        | um01206 | 7d00116 | 0        |
| BBH   | um01165 | 0        | um01165 | 7d00179 | 0        |
| BBH   | um11268 | 0        | um11268 | 7d00245 | 0        |
| BBH   | um1207  | 1.00E-131 | um1207  | 7d00161 | 1.00E-116 |
| BBH   | um01222 | 0        | um01222 | 7d00157 | 0        |
| BBH   | um12118 | 8.00E-18 | um12118 | 7d00293 | 2.00E-25 |
| BBH   | um01102 | 0        | um01102 | 7c00215 | 0        |
| BBH   | um11265 | 0        | um11265 | 7d00241 | 0        |
| BBH   | um10143 | 1.00E-116 | um10143 | 7d00127 | 1.00E-116 |
| BBH   | um00884 | 0        | um00884 | 7d00329 | 0        |
| BBH   | um11019 | 1.00E-103 | um11019 | 7c00024 | 1.00E-105 |
| BBH   | um11269 | 8.00E-94 | um11269 | 7d00246 | 1.00E-90 |
| BBH   | um01008 | 0        | um01008 | 7c00264 | 0        |
| BBH   | um1269  | 0        | um1269  | 7d00135 | 0        |
| BBH   | um1107  | 0        | um1107  | 7d00219 | 0        |
| BBH   | um0912  | 1.00E-136 | um0912  | 7d00313 | 1.00E-138 |
| BBH   | um1166  | 0        | um1166  | 7c00182 | 0        |
| BBH   | um0997  | 0        | um0997  | 7c00274 | 0        |
| BBH   | um2366  | 1.00E-26 | um2366  | 7d00119 | 1.00E-34 |
| BBH   | um2338  | 1.00E-108 | um2338  | 7d00106 | 1.00E-102 |
| BBH   | um05876 | 1.00E-132 | um05876 | 7d00041 | 1.00E-163 |
| BBH   | um05879 | 0        | um05879 | 7c00034 | 0        |
| BBH   | um1241  | 2.00E-20 | um1241  | 7d00150 | 8.00E-24 |
| BBH   | um1085  | 0        | um1085  | 7c00223 | 0        |
| BBH   | um1025  | 1.00E-144 | um1025  | 7d00239 | 1.00E-147 |
| BBH   | um02291 | 0        | um02291 | 7d00084 | 0        |
| BBH   | um01439 | 0        | um01439 | 7c00354 | 0        |
| BBH   | um05821 | 2.00E-92 | um05821 | 7c00012 | 4.00E-93 |
| BBH   | um1159  | 1.00E-122 | um1159  | 7d00190 | 1.00E-129 |
| BBH   | um02281 | 0        | um02281 | 7c00085 | 0        |
| BBH   | um05812 | 0        | um05812 | 7c00099 | 0        |
| BBH   | um02310 | 4.00E-48 | um02310 | 7c00095 | 3.00E-46 |
| BBH   | um05807 | 0        | um05807 | 7c00006 | 0        |
| BBH   | um12127 | 1.00E-45 | um12127 | 7c00202 | 7.00E-41 |
| BBH   | um0883  | 1.00E-152 | um0883  | 7d00330 | 1.00E-144 |
| BBH   | um10145 | 0        | um10145 | 7c00129 | 1.00E-160 |
| BBH   | um02390 | 0        | um02390 | 7d00129 | 0        |
| BBH   | um00946 | 1.00E-141 | um00946 | 7d00301 | 1.00E-149 |
| BBH   | um11278 | 1.00E-104 | um11278 | 7d00224 | 1.00E-104 |
| BBH |   |   |       |       |       |   |   |       |       |
|-----|---|---|-------|-------|-------|---|---|-------|-------|
| 7c00119 | um02354 | 4.00E-58 | um02354 | 7c00119 | 3.00E-58 |
| 7d00335 | um00880 | 0 | um00880 | 7d00335 | 0 |
| 7d00089 | um12185 | 0 | um12185 | 7d00089 | 0 |
| 7c00145 | um11865 | 3.00E-91 | um11865 | 7c00145 | 3.00E-95 |
| 7d00036 | um05863 | 2.00E-38 | um05863 | 7d00036 | 2.00E-38 |
| 7c00342 | um11257.2 | 2.00E-68 | um11257.2 | 7c00342 | 2.00E-68 |
| 7c00331 | um00878 | 6.00E-55 | um00878 | 7c00331 | 1.00E-50 |
| 7c00087 | um02284 | 0 | um02284 | 7c00087 | 0 |
| 7c00224 | um01083 | 0 | um01083 | 7c00224 | 0 |
| 7c00322 | um15053 | 0 | um15053 | 7c00322 | 0 |
| 7d00256 | um11275 | 0 | um11275 | 7d00256 | 0 |
| 7d00185 | um1164 | 3.00E-12 | um1164 | 7d00185 | 4.00E-12 |
| 7c00295 | um00894 | 0 | um00894 | 7c00295 | 0 |
| 7d00233 | um1177.2 | 1.00E-105 | um1177.2 | 7d00233 | 1.00E-106 |
| 7d00178 | um01187 | 1.00E-105 | um01187 | 7d00178 | 1.00E-107 |
| 7c00079 | um02273 | 1.00E-92 | um02273 | 7c00079 | 1.00E-102 |
| 7c00251 | um01050 | 0 | um01050 | 7c00251 | 0 |
| 7c00059 | um10079 | 0 | um10079 | 7c00059 | 0 |
| 7c00336 | um00869 | 1.00E-116 | um00869 | 7c00336 | 1.00E-115 |
| 7d00068 | um02255 | 0 | um02255 | 7d00068 | 0 |
| 7c00140 | um01267 | 1.00E-146 | um01267 | 7c00140 | 1.00E-136 |
| 7d00359 | um05248 | 0 | um05248 | 7d00359 | 0 |
| 7c00050 | um13085 | 0 | um13085 | 7c00050 | 0 |
| 7d00042 | um05878 | 1.00E-53 | um05878 | 7d00042 | 3.00E-46 |
| 7d00060 | um05806 | 0 | um05806 | 7d00060 | 0 |
| NNN | 7d00096 | 0 | um02318.2 | 0 |
| 7d00274 | um00985 | 5.00E-86 | um00985 | 7d00274 | 6.00E-84 |
| 7c00249 | um01059 | 1.00E-148 | um01059 | 7c00249 | 1.00E-149 |
| 7d00221 | um01100 | 1.00E-24 | um01100 | 7d00221 | 1.00E-24 |
| NNN | 7c00103 | 1.00E-168 | um01146 | 7c00103 | 1.00E-128 |
| 7d00020 | um05835 | 0 | um05835 | 7d00020 | 0 |
| 7c00322 | um00935 | 0 | um00935 | 7c00322 | 0 |
| 7c00162 | um11304 | 1.00E-174 | um11304 | 7c00162 | 1.00E-164 |
| 7c00064 | um02245 | 1.00E-133 | um02245 | 7c00064 | 1.00E-130 |
| 7c00216 | um01099 | 1.00E-153 | um01099 | 7c00216 | 1.00E-154 |
| 7c00240 | um01031 | 4.00E-66 | um01031 | 7c00240 | 3.00E-91 |
| 7c00071 | um02256 | 0 | um02256 | 7c00071 | 0 |
| 7d00128 | um02392 | 1.00E-159 | um02392 | 7d00128 | 1.00E-167 |
| NNN | 7d00352 | 1.00E-71 | um10068 | 7d00352 | 1.00E-63 |
| 7d00288 | um00965 | 0 | um00965 | 7d00288 | 0 |
| 7d00232 | um01134 | 0 | um01134 | 7d00232 | 0 |
| 7d00070 | um02262 | 0 | um02262 | 7d00070 | 0 |
| 7c00323 | um00936 | 0 | um00936 | 7c00323 | 0 |
| 7c00046 | um05900 | 0 | um05900 | 7c00046 | 0 |
| 7c00130 | um02404 | 1.00E-134 | um02404 | 7c00130 | 1.00E-133 |
| 7d00013 | um05822 | 0 | um05822 | 7d00013 | 0 |
| 7c00992 | um02300 | 0 | um02300 | 7c00992 | 0 |
| 7d00110 | um02343 | 0 | um02343 | 7d00110 | 0 |
| 7c00033 | um05858 | 0 | um05858 | 7c00033 | 0 |
| 7c00158 | um01229 | 0 | um01229 | 7c00158 | 0 |
| 7c00346 | um00857 | 0 | um00857 | 7c00346 | 0 |
| 7d00299 | um00949 | 0 | um00949 | 7d00299 | 0 |
| NNN | 7d00102 | 1.00E-109 | um11027 | 7d00102 | 1.00E-109 |
| 7c00033 | um11027 | 1.00E-109 | um11027 | 7c00033 | 1.00E-109 |
| 7d00347 | um00855 | 0 | um00855 | 7d00347 | 0 |
| 7c00157 | um10595 | 0 | um10595 | 7c00157 | 0 |
| 7d00314 | um00921 | 0 | um00921 | 7d00314 | 0 |
| 7c00265 | um01006 | 4.00E-55 | um01006 | 7c00265 | 5.00E-62 |
| 7d00220 | um01104 | 1.00E-114 | um01104 | 7d00220 | 1.00E-114 |
| 7d00163 | um01212 | 0 | um01212 | 7d00163 | 0 |
| 7c00104 | um11706 | 5.00E-27 | um11706 | 7c00104 | 1.00E-26 |
| BBH | um00844 | 1.00E-152 | um00844 | 7c00348 | 1.00E-151 |
| NNN | um02297 | 4.00E-11 | um02297 | 7c00110 | 1.00E-15 |
| BBH | um15055 | 0 | um15055 | 7d00281 | 0 |
| BBH | um01230 | 0 | um01230 | 7c00152 | 0 |
| BBH | um05818 | 0 | um05818 | 7d00010 | 0 |
| BBH | um01233 | 0 | um01233 | 7d00152 | 0 |
| BBH | um01205 | 0 | um01205 | 7d00168 | 0 |
| BBH | um02326 | 0 | um02326 | 7d00101 | 0 |
| BBH | um01249 | 1.00E-43 | um01249 | 7c00146 | 2.00E-41 |
| BBH | um00848.2 | 0 | um00848.2 | 7c00346 | 0 |
| BBH | um11839.2 | 1.00E-74 | um11839.2 | 7d00333 | 1.00E-94 |
| BBH | um01075 | 0 | um01075 | 7d00234 | 0 |
| BBH | um02292 | 0 | um02292 | 7c00091 | 0 |
| BBH | um00893 | 1.00E-120 | um00893 | 7c00294 | 1.00E-130 |
| BBH | um02333 | 1.00E-24 | um02333 | 7d00108 | 4.00E-23 |
| BBH | um02298 | 1.00E-12 | um02298 | 7c00109 | 1.00E-12 |
| BBH | um00879 | 6.00E-99 | um00879 | 7d00330 | 3.00E-97 |
| BBH | um01016 | 2.00E-53 | um01016 | 7d00259 | 7.00E-50 |
| BBH | um11293 | 0 | um11293 | 7c00014 | 0 |
| BBH | um01227 | 1.00E-165 | um01227 | 7d00159 | 1.00E-157 |
| BBH | um01092 | 5.00E-89 | um01092 | 7c00220 | 4.00E-97 |
| BBH | um01174 | 0 | um01174 | 7d00182 | 0 |
| BBH | um11650 | 0 | um11650 | 7d00192 | 0 |
| BBH | um05911 | 0 | um05911 | 7c00049 | 0 |
| BBH | um01126 | 6.00E-62 | um01126 | 7c00204 | 6.00E-62 |
| BBH | um10133 | 1.00E-133 | um10133 | 7d00120 | 1.00E-135 |
| BBH | um00996.2 | 0 | um00996.2 | 7c00271 | 0 |
| BBH | um01058 | 3.00E-96 | um01058 | 7d00251 | 3.00E-96 |
| BBH | um15079 | 1.00E-28 | um15079 | 7d00088 | 4.00E-35 |
| BBH | um10624.2 | 0 | um10624.2 | 7d00303 | 0 |
| BBH | um00833 | 0 | um00833 | 7c00356 | 0 |
| BBH | um05833 | 0 | um05833 | 7c00019 | 1.00E-173 |
| BBH | um01060 | 5.00E-73 | um01060 | 7c00250 | 3.00E-73 |
| BBH | um15078 | 0 | um15078 | 7d00069 | 0 |
| BBH | um01231 | 1.00E-114 | um01231 | 7c00151 | 1.00E-130 |
| BBH | um05888 | 1.00E-109 | um05888 | 7d0043 | 1.00E-117 |
| BBH | um00967 | 4.00E-20 | um00967 | 7c00281 | 7.00E-27 |
| BBH | um02346 | 0 | um02346 | 7d0112 | 0 |
| BBH | um00978 | 1.00E-138 | um00978 | 7c00276 | 1.00E-133 |
| BBH | um10647 | 1.00E-144 | um10647 | 7d0327 | 1.00E-140 |
| BBH | um15050 | 0 | um15050 | 7d0199 | 0 |
| BBH | um05873 | 0 | um05873 | 7c00032 | 0 |
| BBH | um00927 | 1.00E-104 | um00927 | 7d0319 | 4.00E-94 |
| BBH | um02320 | 2.00E-28 | um02320 | 7d0098 | 3.00E-28 |
| BBH | um01005 | 0 | um01005 | 7c00266 | 0 |
| BBH | um00832 | 1.00E-161 | um00832 | 7d0357 | 0 |
| BBH | um00911 | 0 | um00911 | 7c00306 | 0 |
| BBH | um11041.2 | 0 | um11041.2 | 7d00051 | 0 |
| BBH | um01154 | 0 | um01154 | 7c00189 | 0 |
| BBH | um01163 | 1.00E-112 | um01163 | 7c00180 | 1.00E-126 |
| BBH | um01110 | 0 | um01110 | 7d00217 | 0 |
| BBH | um00908 | 2.00E-41 | um00908 | 7c00311 | 3.00E-50 |
| BBH | um10797 | 0 | um10797 | 7c00258 | 0 |
| BBH | um01013 | 2.00E-31 | um01013 | 7d00260 | 9.00E-29 |
| BBH | um11196 | 0 | um11196 | 7d00022 | 0 |
| BBH | um00956 | 1.00E-162 | um00956 | 7c00286 | 1.00E-168 |
| NNN | um11243 | 7.00E-60 | um11243 | 7d0358 | 0 |
| BBH | um10081 | 1.00E-71 | um10081 | 7c00066 | 5.00E-66 |
| BBH | um05846 | 0 | um05846 | 7d00025 | 0 |
| BBH | um03544 | 1.00E-153 | um03544 | 8c00044 | 1.00E-154 |
| BBH | um03568 | 0 | um03568 | 8d00006 | 0 |
| BBH | um03406 | 1.00E-42 | um03406 | 8c00127 | 1.00E-44 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um03448 | 0 | um03448 | 8c00100 | 0 |
| BBH | um03486 | 1.00E-135 | um03486 | 8d00006 | 0 |
| BBH | um03406 | 2.00E-87 | um03406 | 8c00116 | 3.00E-92 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um03448 | 0 | um03448 | 8c00100 | 0 |
| BBH | um03486 | 1.00E-135 | um03486 | 8d00006 | 0 |
| BBH | um03406 | 2.00E-87 | um03406 | 8c00116 | 3.00E-92 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um03448 | 0 | um03448 | 8c00100 | 0 |
| BBH | um03486 | 1.00E-135 | um03486 | 8d00006 | 0 |
| BBH | um03406 | 2.00E-87 | um03406 | 8c00116 | 3.00E-92 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um03448 | 0 | um03448 | 8c00100 | 0 |
| BBH | um03486 | 1.00E-135 | um03486 | 8d00006 | 0 |
| BBH | um03406 | 2.00E-87 | um03406 | 8c00116 | 3.00E-92 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um03448 | 0 | um03448 | 8c00100 | 0 |
| BBH | um03486 | 1.00E-135 | um03486 | 8d00006 | 0 |
| BBH | um03406 | 2.00E-87 | um03406 | 8c00116 | 3.00E-92 |
| BBH | um03493 | 7.00E-89 | um03493 | 8c00077 | 7.00E-82 |
| BBH | um03463 | 0 | um03463 | 8d00086 | 0 |
| BBH | um00179 | 8.00E-78 | um00179 | 9c00104 | 8.00E-81 |
|-----|----------|----------|----------|----------|----------|
| BBH | um00723 | 1.00E-102 | um00723 | 9c00392 | 6.00E-97 |
| BBH | um00020 | 1.00E-106 | um00020 | 9d00003 | 1.00E-105 |
| BBH | um00583 | 0 | um00583 | 9d00277 | 0 |
| BBH | um10116 | 0 | um10116 | 9d00221 | 0 |
| BBH | um00551 | 0 | um00551 | 9d00270 | 0 |
| BBH | um00199 | 1.00E-170 | um00199 | 9c00119 | 1.00E-157 |
| BBH | um00375 | 0 | um00375 | 9d00179 | 0 |
| BBH | um00115 | 0 | um00115 | 9d00063 | 0 |
| BBH | um00796 | 1.00E-109 | um00796 | 9c00426 | 1.00E-108 |
| BBH | um00628 | 3.00E-20 | um00628 | 9c00343 | 8.00E-24 |
| BBH | um00249 | 0 | um00249 | 9d00125 | 0 |
| BBH | um10029 | 0 | um10029 | 9d00068 | 0 |
| BBH | um00496 | 3.00E-17 | um00496 | 9c00270 | 3.00E-21 |
| BBH | um00160 | 1.00E-135 | um00160 | 9d00085 | 1.00E-135 |
| NNN | um00501 | 1.00E-66 | um00501 | 9c00274 | 5.00E-95 |
| BBH | um11431 | 1.00E-27 | um11431 | 9d00243 | 9.00E-33 |
| BBH | um00149 | 0 | um00149 | 9d00079 | 0 |
| BBH | um11616 | 1.00E-34 | um11616 | 9c00373 | 9.00E-33 |
| BBH | um00644.2 | 0 | um00644.2 | 9c00352 | 0 |
| BBH | um00213 | 0 | um00213 | 9c00127 | 0 |
| BBH | um00224 | 3.00E-70 | um00224 | 9d00113 | 3.00E-70 |
| BBH | um00211 | 8.00E-46 | um00211 | 9d00108 | 2.00E-43 |
| BBH | um00026 | 1.00E-109 | um00026 | 9d00008 | 1.00E-110 |
| BBH | um00432 | 0 | um00432 | 9d00206 | 1.00E-174 |
| BBH | um10101 | 8.00E-52 | um10101 | 9d00160 | 9.00E-44 |
| BBH | um00663 | 0 | um00663 | 9d00326 | 0 |
| BBH | um00242 | 0 | um00242 | 9c00142 | 0 |
| BBH | um10086 | 0 | um10086 | 9c00159 | 0 |
| BBH | um00492 | 1.00E-153 | um00492 | 9d00239 | 1.00E-145 |
| NNN | um00154 | 0 | um00154 | 9c00993 | 0 |
| BBH | um11427 | 2.00E-43 | um11427 | 9d00118 | 2.00E-41 |
| NNN | um00161 | 2.00E-57 | um00161 | 9c00996 | 0.00E-99 |
| BBH | um00623 | 1.00E-101 | um00623 | 9c00339 | 9.00E-99 |
| BBH | um12105 | 5.00E-52 | um12105 | 9c00281 | 2.00E-51 |
| BBH | um00749 | 0 | um00749 | 9d00380 | 0 |
| BBH | um10037 | 4.00E-20 | um10037 | 9d00078 | 2.00E-21 |
| BBH | um00634 | 1.00E-117 | um00634 | 9d00311 | 1.00E-120 |
| BBH | um00493 | 1.00E-107 | um00493 | 9c00268 | 1.00E-114 |
| BBH | um11448 | 1.00E-115 | um11448 | 9c00345 | 1.00E-119 |
| BBH | um11435 | 2.00E-75 | um11435 | 9c00244 | 2.00E-66 |
| BBH | um00191 | 8.00E-48 | um00191 | 9d00099 | 2.00E-47 |
| BBH | um00606 | 1.00E-115 | um00606 | 9c00330 | 1.00E-118 |
| BBH | um00330 | 1.00E-134 | um00330 | 9c00185 | 1.00E-142 |
| BBH | um00238 | 7.00E-88 | um00238 | 9d00120 | 4.00E-80 |
| BBH | um11821 | 1.00E-105 | um11821 | 9d00193 | 1.00E-107 |
| BBH | um00011 | 0 | um00011 | 9d00017 | 0 |
| BBH | um00058 | 1.00E-135 | um00058 | 9c00040 | 1.00E-141 |
| BBH | um00459 | 0 | um00459 | 9c00253 | 0 |
| NNN | um00362 | 1.00E-172 | um00362 | 9d00184 | 0.00E-14 |
| BBH | um00688 | 1.00E-169 | um00688 | 9c00376 | 1.00E-167 |
| NNN | um00395 | 1.00E-177 | um00395 | 9c00223 | 0.00E-14 |
| BBH | um00292 | 0 | um00292 | 9c00164 | 0 |
| BBH | um00419 | 0 | um00419 | 9c00233 | 0 |
| BBH | um10461 | 0 | um10461 | 9d00271 | 0 |
| BBH | um00291 | 1.00E-112 | um00291 | 9d00143 | 1.00E-115 |
| BBH | um10467 | 0 | um10467 | 9d00286 | 0 |
| BBH | um00647 | 1.00E-165 | um00647 | 9c00354 | 1.00E-170 |
| BBH | um00989 | 0 | um00989 | 9d00049 | 0 |
| BBH | um00535 | 0 | um00535 | 9c00295 | 0 |
| BBH | um06489 | 1.00E-112 | um06489 | 9d00001 | 1.00E-116 |
| BBH | um10469 | 3.00E-95 | um10469 | 9c00321 | 3.00E-95 |
BBH 9d00156  um00326  1.00E-68  um00326  9d00156  2.00E-68
BBH 9d00220  um00453  0  um00453  9d00220  0
BBH 9d00377  um11623  1.00E-140  um11623  9d00377  1.00E-142
BBH 9d00262  um00538  1.00E-67  um00538  9d00262  2.00E-64
BBH 9d00404  um15051  0  um15051  9d00404  0
BBH 9d00173  um00386  0  um00386  9d00173  0
NNN 9c00195  um11346  0
BBH 9d00042  um10020  1.00E-165  um10020  9d00042  6.00E-94
BBH 9c00263  um10121  0  um10121  9c00263  0
BBH 9c00201  um00538  9.00E-94  um00538  9c00201  3.00E-98
BBH 9d00110  um11422  0  um11422  9d00110  0
BBH 9d00121  um00315  0  um00315  9d00121  0
BBH 9d00034  um00742  1.00E-113  um00742  9d00034  1.00E-122
BBH 9d00152  um00315  0  um00315  9d00152  0
BBH 9c00086  um00136.2  0  um00136.2  9c00086  0
BBH 9d00314  um00639  0  um00639  9d00314  0
BBH 9d00222  um1348.2  0  um1348.2  9d00222  0
BBH 9d00376  um00742  1.00E-113  um00742  9d00376  1.00E-122
BBH 9d00083  um00157  0  um00157  9d00083  0
BBH 9d00135  um00271  0  um00271  9d00135  0
BBH 9c00156  um00273  4.00E-32  um00273  9c00156  3.00E-30
BBH 9c00088  um00140  1.00E-133  um00140  9c00088  1.00E-133
BBH 9d00075  um00141  0  um00141  9d00075  0
BBH 9c00129  um00216  1.00E-165  um00216  9c00129  1.00E-168
BBH 9c00272  um11430  0  um11430  9c00272  0
BBH 9d00396  um00781  1.00E-22  um00781  9d00396  8.00E-25
BBH 9d00272  um10462  1.00E-133  um10462  9d00272  1.00E-139
BBH 9c00317  um00567  1.00E-55  um00567  9c00317  8.00E-56
BBH 9c00106  um00176  0  um00176  9c00106  0
BBH 9d00314  um00639  0  um00639  9d00314  0
BBH 9d00405  um00798  0  um00798  9d00405  0
BBH 9d00265  um00545  6.00E-85  um00545  9d00265  2.00E-78
NNN 9d00415  um01130  6.00E-25  um01130  7d00207  1.00E-125
| BBH  | um00095   | 1.00E-132 | um00095 | 9c00063 | 1.00E-132 |
|------|-----------|-----------|---------|---------|-----------|
| BBH  | um12080   | 0         | um12080 | 9d00005 | 0         |
| BBH  | um12106   | 0         | um12106 | 9d00251 | 0         |
| BBH  | um00581   | 0         | um00581 | 9d00279 | 0         |
| BBH  | um11434   | 1.00E-156 | um11434 | 9d00247 | 1.00E-153 |
| BBH  | um15088   | 0         | um15088 | 9d00240 | 0         |
| NNN  | um00205   | 7.00E-14  |         |         |           |
| BBH  | um00392   | 7.00E-51  | um00392 | 9d00170 | 7.00E-51  |
| BBH  | um12106   | 0         | um12106 | 9d00065 | 0         |
| BBH  | um00195   | 0         | um00195 | 9d00100 | 0         |
| BBH  | um11450   | 5.00E-82  | um11450 | 9c00350 | 2.00E-80  |
| BBH  | um12150   | 7.00E-87  | um12150 | 9c00181 | 2.00E-82  |
| BBH  | um00451   | 3.00E-97  | um00451 | 9c00250 | 3.00E-97  |
| BBH  | um00476   | 1.00E-141 | um00476 | 9d00231 | 1.00E-144 |
| BBH  | um00189   | 0         | um00189 | 9d00998 | 0         |
| BBH  | um00053   | 1.00E-61  | um00053 | 9c00037 | 2.00E-52  |
| BBH  | um00365   | 1.00E-44  | um00365 | 9c00216 | 3.00E-48  |
| BBH  | um00689   | 0         | um00689 | 9c00377 | 0         |
| BBH  | um00712   | 4.00E-15  | um00712 | 9c00383 | 2.00E-20  |
| NNN  | um10019   | 3.00E-93  | um10019 | 9c00051 | 1.00E-148 |
| BBH  | um10925   | 7.00E-76  | um10925 | 9d00305 | 2.00E-85  |
| NNN  | um00491   | 0         | um00491 | 9d00238 | 0         |
| NNN  | um10032   | 2.00E-79  |         |         |           |
| NNN  | um00721   | 0         |         |         |           |
| BBH  | um00508   | 4.00E-61  | um00508 | 9d00248 | 3.00E-61  |
| BBH  | um00548   | 0         | um00548 | 9c00303 | 0         |
| BBH  | um00812   | 0         | um00812 | 9c00434 | 0         |
| BBH  | um10465   | 6.00E-65  | um10465 | 9d00288 | 0         |
| BBH  | um00225   | 6.00E-65  | um00225 | 9c00133 | 4.00E-62  |
| BBH  | um00108   | 1.00E-166 | um00108 | 9c00071 | 1.00E-167 |
| BBH  | um00017   | 1.00E-150 | um00017 | 9c00009 | 1.00E-150 |
| BBH  | um00316   | 0         | um00316 | 9c00176 | 0         |
| BBH  | um00304   | 0         | um00304 | 9c00171 | 0         |
| BBH  | um00087   | 1.00E-148 | um00087 | 9c00059 | 1.00E-142 |
| BBH  | um00043   | 0         | um00043 | 9c00029 | 0         |
| BBH  | um00012   | 1.00E-43  | um00012 | 9c00022 | 2.00E-55  |
| BBH  | um00102   | 1.00E-130 | um00102 | 9d00054 | 1.00E-127 |
| NNN  | um11833   | 0         |         |         |           |
| BBH  | um11345   | 1.00E-100 | um11345 | 9c00194 | 1.00E-100 |
| BBH  | um00440   | 1.00E-135 | um00440 | 9c00244 | 1.00E-138 |
| BBH  | um00734   | 4.00E-66  | um00734 | 9c00398 | 5.00E-63  |
| BBH  | um15030   | 5.00E-65  | um15030 | 9d00408 | 4.00E-59  |
| BBH  | um00094   | 1.00E-111 | um00094 | 9c0062  | 1.00E-111 |
| BBH  | um11711   | 0         | um11711 | 9c00390 | 0         |
| BBH  | um00295   | 1.00E-109 | um00295 | 9c00166 | 1.00E-111 |
| BBH  | um00533   | 0         | um00533 | 9c00293 | 0         |
| BBH  | um00311   | 0         | um00311 | 9d00151 | 0         |
| BBH  | um00259   | 0         | um00259 | 9c00149 | 0         |
| BBH  | um00007   | 1.00E-123 | um00007 | 9d00015 | 1.00E-129 |
| BBH  | um10088   | 0         | um10088 | 9d00141 | 0         |
| BBH  | um11353   | 0         | um11353 | 9d00182 | 0         |
| BBH  | um10120   | 0         | um10120 | 9c00260 | 0         |
| BBH  | um15019   | 0         | um15019 | 9c00399 | 0         |
| NNN  | um00679   | 0         |         |         |           |
| BBH  | um00342   | 1.00E-139 | um00342 | 9d00165 | 1.00E-125 |
| BBH  | um00045   | 0         | um00045 | 9d00026 | 0         |
| BBH  | um00167   | 0         | um00167 | 9d00088 | 0         |
| BBH  | um00343   | 0         | um00343 | 9c00192 | 0         |
| BBH  | um00181   | 0         | um00181 | 9d00092 | 0         |
| BBH  | um00585   | 0         | um00585 | 9c00310 | 0         |
| BBH  | um00338   | 0         | um00338 | 9c00189 | 0         |
| BBH  | um15024   | 0         | um15024 | 9c00404 | 0         |
| BBH  | um00568  | 1.00E-176 | 9d00287 | 9d00287 | 0 |
| BBH  | um00770  | 0 | 0 | 9d00389 | 9d00389 | 0 |
| BBH  | um00111  | 1.00E-111 | 9d00287 | 9c00072 | 1.00E-116 |
| BBH  | um10023  | 0 | 9d00287 | 9k00057 | 1.00E-159 |
| BBH  | um00222  | 1.00E-148 | 9d00222 | 9c00132 | 1.00E-164 |
| BBH  | um00778  | 1.00E-19 | 9d00287 | 9c00149 | 1.00E-20 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 1.00E-142 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 1.00E-148 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um00568  | 0 | 9d00287 | 9c00140 | 0 |
| BBH  | um10019  | 1.00E-159 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00778  | 1.00E-148 | 9d00287 | 9c00140 | 1.00E-159 |
| BBH  | um00547  | 0 | 9d00287 | 9c00140 | 2.00E-89 |
| BBH  | um11830  | 3.00E-91 | 9d00287 | 9c00140 | 0 |
| BBH  | um00741  | 0 | 9d00287 | 9c00140 | 0 |
| BBH   | um10924 | 0 | um10924 | 9c00336 | 0 |
|-------|---------|---|---------|---------|---|
| BBH   | um00536 | 1.00E-108 | um00536 | 9c00296 | 1.00E-104 |
| BBH   | um00374 | 0 | um00374 | 9c00209 | 0 |
| BBH   | um00483 | 2.00E-32 | um00483 | 9c00265 | 2.00E-30 |
| BBH   | um00049 | 6.00E-44 | um00049 | 9c00033 | 5.00E-46 |
| BBH   | um10041.2 | 3.00E-85 | um10041.2 | 9c00097 | 3.00E-70 |
| BBH   | um00174 | 0 | um00174 | 9d00094 | 0 |
| BBH   | um00057 | 1.00E-72 | um00057 | 9d00029 | 3.00E-72 |
| BBH   | um10966 | 0 | um10966 | 9c00155 | 0 |
| BBH   | um00207.2 | 1.00E-175 | um00207.2 | 9d00105 | 0 |
| BBH   | um00418 | 0 | um00418 | 9d00200 | 0 |
| BBH   | um10104 | 1.00E-125 | um10104 | 9d00230 | 1.00E-127 |
| BBH   | um00089 | 1.00E-109 | um00089 | 9c00060 | 1.00E-104 |
| BBH   | um00576 | 2.00E-54 | um00576 | 9d00282 | 1.00E-56 |
| BBH   | um00446 | 0 | um00446 | 9b00026 | 0 |
| BBH   | um00061 | 0 | um00061 | 9d00030 | 0 |
| BBH   | um00672 | 1.00E-160 | um00672 | 9d00332 | 1.00E-171 |
| BBH   | um00667 | 2.00E-93 | um00667 | 9c00365 | 1.00E-93 |
| BBH   | um10017 | 1.00E-175 | um10017 | 9c00049 | 1.00E-175 |
| BBH   | um00789 | 0 | um00789 | 9c00423 | 0 |
| BBH   | um00692 | 2.00E-59 | um00692 | 9c00379 | 3.00E-62 |
| BBH   | um00411.2 | 1.00E-143 | um00411.2 | 9c00229 | 1.00E-137 |
| BBH   | um11341 | 1.00E-170 | um11341 | 9d00164 | 1.00E-168 |
| BBH   | um11267 | 1.00E-67 | um11267 | 9c00430 | 2.00E-67 |
| BBH   | um12149 | 3.00E-59 | um12149 | 9d00147 | 2.00E-50 |
| BBH   | um00389 | 0 | um00389 | 9c00200 | 0 |
| BBH   | um00299 | 0 | um00299 | 9c00168 | 0 |
| BBH   | um00138 | 0 | um00138 | 9c00087 | 0 |
| BBH   | um00091 | 1.00E-107 | um00091 | 9d00043 | 2.00E-95 |
| BBH   | um00617 | 1.00E-138 | um00617 | 9d00304 | 1.00E-139 |
| BBH   | um00001 | 1.00E-124 | um00001 | 9d00013 | 1.00E-124 |
| BBH   | um00512 | 6.00E-78 | um00512 | 9d00245 | 7.00E-78 |
| BBH   | um10042 | 0 | um10042 | 9c00087 | 0 |
| BBH   | um00042 | 0 | um00042 | 9d00025 | 0 |
| BBH   | um12110 | 1.00E-114 | um12110 | 9d00369 | 1.00E-118 |
| BBH   | um00349.2 | 2.00E-38 | um00349.2 | 9d00168 | 9.00E-41 |
| BBH   | um00756 | 0 | um00756 | 9c00409 | 0 |
| BBH   | um00233 | 1.00E-45 | um00233 | 9c00137 | 8.00E-45 |
| BBH   | um11439 | 8.00E-59 | um11439 | 9d00254 | 1.00E-113 |
| BBH   | um10787 | 0 | um10787 | 9d00400 | 0 |
| BBH   | um10048 | 6.00E-30 | um10048 | 9c00101 | 6.00E-30 |
| NNN   | um00210 | 3.00E-55 | um00210 | 9c00124 | 0 |
| BBH   | um00563 | 3.00E-64 | um00563 | 9d00275 | 3.00E-69 |
| BBH   | um00785 | 0 | um00785 | 9c00421 | 0 |
| BBH   | um11202 | 7.00E-15 | um11202 | 9d00391 | 3.00E-15 |
| BBH   | um00525 | 1.00E-120 | um00525 | 9c00289 | 1.00E-120 |
| BBH   | um00082 | 1.00E-44 | um00082 | 9d00039 | 1.00E-68 |
| BBH   | um00737 | 0 | um00737 | 9c00370 | 0 |
| NNN   | um11827 | 1.00E-106 | um11827 | 9c00358 | 0 |
| BBH   | um11453 | 3.00E-66 | um11453 | 9d00318 | 2.00E-67 |
| BBH   | um11455 | 0 | um11455 | 9c00355 | 0 |
| BBH   | um10025 | 0 | um10025 | 9d00059 | 0 |
| BBH   | um10002 | 0 | um10002 | 9c00005 | 0 |
| BBH   | um12148 | 0 | um12148 | 9c00148 | 0 |
| BBH   | um00719 | 2.00E-41 | um00719 | 9d00362 | 1.00E-45 |
| BBH   | um00773 | 1.00E-58 | um00773 | 9c00417 | 2.00E-58 |
| BBH   | um11198 | 0 | um11198 | 9d00385 | 0 |
| BBH   | um00079 | 1.00E-161 | um00079 | 9c00055 | 1.00E-161 |
| BBH   | um00037 | 0 | um00037 | 9c00026 | 0 |
| NNN   | um04886 | 3.00E-21 | um04886 | 9c00066 | 0 |
| BBH   | um00256 | 1.00E-129 | um00256 | 9d00127 | 1.00E-129 |
| BBH   | um00340 | 1.00E-112 | um00340 | 9c00190 | 1.00E-130 |
| BBH | um10499 | 1.00E-156 | um10499 | 10c00064 | 1.00E-156 |
| BBH | um03714 | 0 | um03714 | 10d00085 | 0 |
| BBH | um11588 | 7.00E-58 | um11588 | 10c00078 | 1.00E-56 |
| BBH | um03822 | 7.00E-32 | um03822 | 10d00030 | 8.00E-37 |
| BBH | um03702 | 0 | um03702 | 10c00071 | 0 |
| NNN | um3110 | 2.00E-42 | um3110 | 19c00005 | 1.00E-127 |
| BBH | um03685 | 0 | um03685 | 10c00082 | 0 |
| BBH | um10494 | 0 | um10494 | 10c00086 | 0 |
| BBH | um10497 | 1.00E-112 | um10497 | 10d00066 | 0 |
| BBH | um03652 | 1.00E-108 | um03652 | 10c00078 | 1.00E-112 |
| BBH | um11104 | 0 | um11104 | 10d00012 | 0 |
| BBH | um03655 | 5.00E-85 | um03655 | 10c00099 | 2.00E-77 |
| BBH | um03852 | 0 | um03852 | 10c00009 | 0 |
| BBH | um11734 | 1.00E-133 | um11734 | 10d00066 | 1.00E-132 |
| BBH | um03753 | 3.00E-35 | um03753 | 10d00058 | 8.00E-36 |
| BBH | um03737 | 0 | um03737 | 10c00058 | 0 |
| BBH | um03770 | 1.00E-124 | um03770 | 10d00050 | 1.00E-128 |
| BBH | um03734 | 0 | um03734 | 10d00076 | 0 |
| BBH | um03765 | 0 | um03765 | 10c00059 | 0 |
| BBH | um03761 | 0 | um03761 | 10c00051 | 0 |
| BBH | um03793 | 0 | um03793 | 10c00044 | 0 |
| BBH | um03682.2 | 0 | um03682.2 | 10d000101 | 0 |
| BBH | um10475 | 1.00E-111 | um10475 | 10c00094 | 1.00E-115 |
| BBH | um10661.2 | 0 | um10661.2 | 10c00049 | 0 |
| BBH | um03820 | 0 | um03820 | 10c00020 | 0 |
| BBH | um03792 | 0 | um03792 | 10c00035 | 0 |
| NNN | um10487 | 4.00E-15 | um10487 | 10d000100 | 6.00E-34 |
| BBH | um11106 | 1.00E-21 | um11106 | 10c00007 | 5.00E-22 |
| NNN | um3638 | 8.00E-44 | um3638 | 10d000122 | 0 |
| BBH | um03762 | 0 | um03762 | 10c00061 | 0 |
| BBH | um03865 | 1.00E-103 | um03865 | 10c00004 | 1.00E-103 |
| BBH | um10496 | 1.00E-114 | um10496 | 10c00067 | 1.00E-159 |
| NNN | um10667 | 6.00E-18 | um10667 | 10c00048 | 4.00E-52 |
| BBH | um12243 | 0 | um12243 | 10c00007 | 0 |
| BBH | um03860 | 0 | um03860 | 10c00004 | 0 |
| BBH | um10508 | 3.00E-84 | um10508 | 10c00028 | 1.00E-80 |
| BBH | um03845 | 2.00E-54 | um03845 | 10c00015 | 6.00E-60 |
| BBH | um10503 | 0 | um10503 | 10c00060 | 0 |
| BBH | um03722 | 0 | um03722 | 10c00081 | 0 |
| NNN | um3784 | 0 | um3784 | 10c00039 | 0 |
| BBH | um03763 | 1.00E-176 | um03763 | 10c00060 | 1.00E-180 |
| BBH | um15081 | 4.00E-84 | um15081 | 10d00117 | 3.00E-80 |
| NNN | um3658 | 1.00E-152 | um3658 | 10c00097 | 0 |
| BBH | um03665 | 0 | um03665 | 10c00093 | 0 |
| BBH | um03830 | 0 | um03830 | 10c00015 | 0 |
| BBH | um03811 | 1.00E-144 | um03811 | 10c00035 | 1.00E-144 |
| BBH | um03720 | 1.00E-179 | um03720 | 10c00082 | 0 |
| BBH | um03701 | 0 | um03701 | 10c00092 | 0 |
| BBH | um03699 | 1.00E-162 | um03699 | 10c00072 | 1.00E-160 |
| BBH | um03796 | 0 | um03796 | 10c00042 | 0 |
| BBH | um03819 | 0 | um03819 | 10c00021 | 0 |
| NNN | um12241 | 5.00E-13 | um12241 | 10d00071 | 0 |
| BBH | um03867 | 1.00E-135 | um03867 | 10c00005 | 1.00E-130 |
| BBH | um10662 | 5.00E-89 | um10662 | 10c00048 | 3.00E-85 |
| NNN | um2185 | 7.00E-17 | um2185 | 6c00055 | 5.00E-83 |
| BBH | um03654 | 2.00E-44 | um03654 | 10d00115 | 5.00E-43 |
| BBH | um03771 | 1.00E-163 | um03771 | 10c00041 | 1.00E-169 |
| BBH | um03857 | 0 | um03857 | 10d00006 | 0 |
| BBH  | um04317  | 2.00E-65 | um04317  | 11d00005 | 3.00E-57 |
|------|----------|----------|----------|----------|----------|
| BBH  | um04462  | 1.00E-131| um04462  | 11d00074 | 1.00E-136|
| BBH  | um10513  | 0        | um10513  | 11d00043 | 0        |
| NNN  | um04371  | 0        | um04371  | 11d00037 | 0        |
| BBH  | um04356  | 0        | um04356  | 11d00025 | 0        |
| BBH  | um04456  | 0        | um04456  | 11d00081 | 0        |
| BBH  | um04381  | 0        | um04381  | 11d00039 | 0        |
| BBH  | um04397  | 0        | um04397  | 11d00048 | 0        |
| BBH  | um04419  | 0        | um04419  | 11d00063 | 0        |
| BBH  | um04451  | 0        | um04451  | 11d00067 | 0        |
| BBH  | um04404  | 1.00E-127| um04404  | 11d00054 | 1.00E-122|
| BBH  | um11142  | 0        | um11142  | 11d00017 | 0        |
| BBH  | um04411  | 0        | um04411  | 11d00058 | 0        |
| BBH  | um04314  | 0        | um04314  | 11d00005 | 6.00E-57 |
| BBH  | um04426  | 1.00E-147| um04426  | 11d00056 | 1.00E-150|
| BBH  | um04475  | 0        | um04475  | 11d00083 | 0        |
| BBH  | um04348  | 0        | um04348  | 11c00022 | 0        |
| NNN  | um10843  | 3.00E-78 |
| NNN  | um11148  | 2.00E-70 | um11148  | 11d00029 | 1.00E-141|
| BBH  | um10847  | 2.00E-66 | um10847  | 11d00015 | 2.00E-66 |
| BBH  | um04461  | 0        | um04461  | 11d00073 | 0        |
| BBH  | um04365  | 0        | um04365  | 11d00031 | 0        |
| NNN  | um12262  | 1.00E-21 | um12262  | 11d00028 | 0        |
| BBH  | um11150  | 0        | um11150  | 11d00031 | 0        |
| NNN  | um04342  | 1.00E-74 |
| BBH  | um04392  | 1.00E-148| um04392  | 11d00044 | 1.00E-139|
| BBH  | um04313  | 6.00E-72 | um04313  | 11d00003 | 5.00E-72 |
| BBH  | um10534  | 0        | um10534  | 11d00068 | 0        |
| BBH  | um04405  | 0        | um04405  | 11c00055 | 0        |
| BBH  | um04414  | 5.00E-85 | um04414  | 11c00060 | 1.00E-90 |
| BBH  | um04413  | 0        | um04413  | 11c00059 | 0        |
| BBH  | um04391  | 0        | um04391  | 11c00044 | 0        |
| BBH  | um04319  | 0        | um04319  | 11c00006 | 0        |
| BBH  | um04327  | 0        | um04327  | 11c00011 | 0        |
| BBH  | um04361  | 1.00E-180| um04361  | 11d00028 | 0        |
| BBH  | um04351  | 0        | um04351  | 11d00023 | 0        |
| BBH  | um12259  | 0        | um12259  | 11d00004 | 0        |
| BBH  | um04481  | 0        | um04481  | 11d00086 | 0        |
| BBH  | um04370  | 0        | um04370  | 11d00035 | 0        |
| BBH  | um04443  | 0        | um04443  | 11d00061 | 0        |
| BBH  | um04362  | 1.00E-159| um04362  | 11c00029 | 1.00E-159|
| BBH  | um04352  | 1.00E-122| um04352  | 11c00024 | 1.00E-122|
| BBH  | um04310  | 0        | um04310  | 11d00002 | 0        |
| BBH  | um11751.2| 0        | um11751.2| 11d00010 | 0        |
| BBH  | um11147  | 0        | um11147  | 11d00027 | 0        |
| BBH  | um10527.2| 1.00E-123| um10527.2| 11d00058 | 1.00E-133|
| BBH  | um04376  | 0        | um04376  | 11d00034 | 0        |
| BBH  | um04447  | 2.00E-69 | um04447  | 11d00064 | 7.00E-73 |
| NNN  | um10528  | 0        |
| BBH  | um11141  | 1.00E-101| um11141  | 11c00018 | 1.00E-105|
| BBH  | um04393  | 5.00E-89 | um04393  | 11c00045 | 2.00E-91 |
| BBH  | um04346  | 0        | um04346  | 11d00020 | 0        |
| NNN  | um04461  | 5.00E-54 | um04461  | 11d00022 | 0        |
| BBH  | um04465  | 1.00E-129| um04465  | 11d00076 | 1.00E-127|
| BBH  | um04335  | 0        | um04335  | 11d00014 | 0        |
| BBH  | um04400  | 0        | um04400  | 11d00046 | 0        |
| BBH  | um10535  | 2.00E-29 | um10535  | 11c00080 | 8.00E-24 |
| BBH  | um04478  | 0        | um04478  | 11d00085 | 0        |
| BBH  | um04444  | 1.00E-146| um04444  | 11d00062 | 1.00E-135|
| BBH  | um10848  | 1.00E-168| um10848  | 11c00017 | 1.00E-169|
| BBH  | um04353  | 0        | um04353  | 11c00025 | 0        |
| BBH  | 12c00118 | um02456 | 0 | um02456 | 12c00118 | 0 |
| BBH  | 12d00114 | um02454 | 1.00E-81 | um02454 | 12d00114 | 4.00E-83 |
| BBH  | 12c00048 | um10242 | 6.00E-13 | um10242 | 12c00048 | 2.00E-16 |
| BBH  | 12c00019 | um01388 | 1.00E-116 | um01388 | 12c00019 | 1.00E-112 |
| BBH  | 12c00085 | um10139 | 1.00E-155 | um10139 | 12c00085 | 1.00E-148 |
| BBH  | 12d00123 | um12225 | 6.00E-12 | um12225 | 12d00123 | 1.00E-11 |
| BBH  | 12c00056 | um10237 | 0 | um10237 | 12c00056 | 0 |
| BBH  | 12c00138 | um02495 | 0 | um02495 | 12c00138 | 0 |
| BBH  | 12d00115 | um10157 | 0 | um10157 | 12d00115 | 0 |
| BBH  | 12c00125 | um02462 | 0 | um02462 | 12c00125 | 0 |
| BBH  | 12d00037 | um01350 | 1.00E-156 | um01350 | 12d00037 | 0 |
| BBH  | 12d00056 | um10231 | 6.00E-95 | um10231 | 12d00056 | 1.00E-101 |
| BBH  | 12d00082 | um02376 | 0 | um02376 | 12d00082 | 0 |
| BBH  | 12c00033 | um01362 | 1.00E-179 | um01362 | 12c00033 | 0 |
| BBH  | 12d00023 | um01387 | 2.00E-43 | um01387 | 12d00023 | 1.00E-43 |
| BBH  | 12d00031 | um10366 | 1.00E-121 | um10366 | 12d00031 | 1.00E-121 |
| BBH  | 12d00055 | um01314 | 0 | um01314 | 12d00055 | 0 |
| BBH  | 12d00010 | um02440 | 3.00E-63 | um02440 | 12d00010 | 3.00E-63 |
| BBH  | 12d00038 | um15080 | 2.00E-22 | um15080 | 12d00038 | 1.00E-22 |
| BBH  | 12d00003 | um14277 | 4.00E-86 | um14277 | 12d00003 | 2.00E-86 |
| BBH  | 12d00073 | um01284 | 0 | um01284 | 12d00073 | 0 |
| BBH  | 12d00112 | um10158 | 0 | um10158 | 12d00112 | 0 |
| BBH  | 12d00073 | um12129.2 | 3.00E-26 | um12129.2 | 12d00073 | 3.00E-26 |
| BBH  | 12d00006 | um01424 | 0 | um01424 | 12d00006 | 0 |
| BBH  | 12d00025 | um01383 | 0 | um01383 | 12d00025 | 0 |
| column1 | column2 | column3 | column4 | column5 |
|---------|---------|---------|---------|---------|
| 1.00E-74 | um01414 | 1.00E-66 | um01316 | 2.00E-69 |
| 2.00E-76 | um10246 | 5.00E-80 | um10226 | 5.00E-80 |
| 1.00E-123 | um10153 | 1.00E-123 | um10153 | 1.00E-129 |
| 1.00E-108 | um01296 | 1.00E-74 | um01414 | 1.00E-74 |
| 7.00E-21 | 12c00009 | 4.00E-15 | um01441 | 1.00E-152 |
| 0 | um00009 | 0 | um01312 | 0 |
| 0 | um01312 | 0 | um01312 | 0 |
| 4.00E-15 | um06256 | 4.00E-94 | um02384 | 2.00E-91 |
| 2.00E-65 | um10140 | 6.00E-65 | um01340 | 2.00E-65 |
| 0 | um02387 | 0 | um02387 | 0 |
| 0 | um02451 | 0 | um02451 | 0 |
| 0 | um01402 | 0 | um01402 | 0 |
| 0 | um02461 | 0 | um02461 | 0 |
| 0 | um00005 | 0 | um00005 | 0 |
| 1.00E-141 | um11863 | 1.00E-141 | um11863 | 1.00E-145 |
| 9.00E-91 | um03113 | 9.00E-91 | um03113 | 9.00E-94 |
| 4.00E-18 | um10140 | 4.00E-18 | um10140 | 5.00E-18 |
| 3.00E-53 | um10236 | 3.00E-53 | um10236 | 1.00E-53 |
| 1.00E-157 | um01417 | 1.00E-157 | um01417 | 1.00E-170 |
| 4.00E-80 | um02426 | 4.00E-80 | um02426 | 8.00E-78 |
| 1.00E-62 | um10147 | 1.00E-62 | um10147 | 2.00E-62 |
| 1.00E-129 | um01406 | 1.00E-129 | um01406 | 1.00E-142 |
| 4.00E-42 | um02384 | 4.00E-42 | um02384 | 2.00E-41 |
| 1.00E-71 | um01333 | 1.00E-71 | um01333 | 1.00E-71 |
| 2.00E-65 | um01340 | 2.00E-65 | um01340 | 2.00E-65 |
| 0 | um01293 | 0 | um01293 | 0 |
| 6.00E-15 | um01301 | 6.00E-15 | um01301 | 0 |
| 1.00E-48 | um11335 | 1.00E-48 | um11335 | 2.00E-46 |
| 6.00E-65 | um02452 | 6.00E-65 | um02452 | 2.00E-65 |
| 1.00E-167 | um02429 | 1.00E-167 | um02429 | 1.00E-173 |
| 0 | um02501 | 0 | um02501 | 0 |
| 0 | um12189 | 0 | um12189 | 0 |
| 0 | um02387 | 0 | um02387 | 0 |
| 3.00E-93 | um02438 | 3.00E-93 | um02438 | 1.00E-97 |
| 8.00E-58 | um02437 | 8.00E-58 | um02437 | 2.00E-64 |
| BBH | um02453 | 6.00E-86 | um02453 | 12c00116 | 1.00E-85 |
|----|---------|----------|---------|----------|----------|
| BBH | um12134 | 4.00E-89 | um12134 | 12c00047 | 1.00E-105 |
| BBH | um02442 | 1.00E-172 | um02442 | 12c00100 | 1.00E-165 |
| BBH | um02496 | 0 | um01344 | 12d00040 | 0 |
| BBH | um02496 | 0 | um02496 | 12d00040 | 1.00E-165 |
| BBH | um02420 | 1.00E-100 | um02420 | 12d00070 | 1.00E-172 |
| BBH | um02293 | 3.00E-53 | um02293 | 12c00084 | 5.00E-50 |
| BBH | um02468 | 0 | um01344 | 12d00050 | 4.00E-85 |
| BBH | um02427 | 0 | um02427 | 12c00096 | 1.00E-162 |
| BBH | um02374 | 0 | um02374 | 12d00052 | 5.00E-50 |
| BBH | um02465 | 0 | um02465 | 12d00056 | 1.00E-119 |
| BBH | um02809 | 2.00E-35 | um02809 | 12d00058 | 8.00E-93 |
| BBH | um11336 | 4.00E-88 | um11336 | 12d00060 | 1.00E-120 |
| BBH | um02444 | 5.00E-48 | um02444 | 12d00067 | 2.00E-50 |
| BBH | um01015 | 0 | um01015 | 12c00073 | 4.00E-64 |
| BBH | um01421 | 3.00E-72 | um01421 | 12c00076 | 8.00E-63 |
| BBH | um01357 | 1.00E-39 | um01357 | 12c00081 | 1.00E-63 |
| BBH | um01418 | 2.00E-91 | um01418 | 12c00084 | 8.00E-80 |
| BBH | um11871 | 0 | um11871 | 12d00087 | 1.00E-119 |
| BBH | um02416 | 1.00E-11 | um02416 | 12d00089 | 5.00E-113 |
| BBH | um01308 | 7.00E-36 | um01308 | 12d00092 | 3.00E-113 |
| BBH | um02497 | 8.00E-15 | um02497 | 12d00095 | 1.00E-113 |
| BBH | um11312 | 1.00E-64 | um11312 | 12d00100 | 1.00E-64 |
| BBH | um01271 | 1.00E-146 | um01271 | 12d00103 | 1.00E-146 |
| BBH | um02444 | 1.00E-115 | um02444 | 12c00113 | 1.00E-114 |
| BBH | um11317 | 1.00E-119 | um11317 | 12d00117 | 1.00E-116 |
| BBH | um01367 | 0 | um01367 | 12c00123 | 6.00E-80 |
| BBH | um02423 | 3.00E-84 | um02423 | 12d00128 | 4.00E-93 |
| BBH | um01309 | 1.00E-154 | um01309 | 12d00133 | 1.00E-135 |
| BBH | um12133 | 4.00E-23 | um12133 | 12d00136 | 8.00E-37 |
| BBH | um0235 | 0 | um0235 | 12d00140 | 0 |
| BBH | um02481 | 0 | um02481 | 12d00143 | 0 |
| BBH | um11337 | 1.00E-147 | um11337 | 12c00146 | 1.00E-152 |
| BBH | um02445 | 0 | um02445 | 12c00149 | 0.00E-80 |
| BBH | um01321 | 0 | um01321 | 12d00151 | 0.00E-80 |
| BBH | um01311 | 2.00E-63 | um01311 | 12c00154 | 5.00E-63 |
| BBH | um05411 | 6.00E-80 | um05411 | 15d00014 | 0 |
| BBH | um10154 | 0 | um10154 | 12c00157 | 0 |
| BBH | um01306 | 0 | um01306 | 12c00160 | 0 |
| BBH | um11328 | 6.00E-80 | um11328 | 12c00163 | 7.00E-80 |
| BBH | um01318 | 4.00E-63 | um01318 | 12c00166 | 8.00E-63 |
| BBH | um01397 | 1.00E-128 | um01397 | 12c00169 | 1.00E-135 |
| BBH | um01415 | 1.00E-139 | um01415 | 12c00172 | 1.00E-139 |
| BBH | um02492 | 0 | um02492 | 12d00175 | 0 |
|   |   |   |   |   |   |
|---|---|---|---|---|---|
| 12d00071 | um01275 | 1.00E-108 | um01275 | 12d00071 | 1.00E-109 |
| 12d00121 | um02478 | 1.00E-170 | um02478 | 12d00121 | 1.00E-167 |
| 12d00034 | um01355 | 1.00E-119 | um01355 | 12d00034 | 1.00E-119 |
| 12d00069 | um01278 | 2.00E-89 | um01278 | 12d00069 | 2.00E-90 |
| 12c00072 | um01286 | 0 | um01286 | 12c00072 | 0 |
| 12c00124 | um10578 | 0 | um10578 | 12c00124 | 0 |
| 12c00005 | um02478 | 2.00E-170 | um02478 | 12c00005 | 2.00E-167 |
| 12c00034 | um01355 | 1.00E-119 | um01355 | 12c00034 | 1.00E-119 |
| 12c00069 | um01278 | 2.00E-89 | um01278 | 12c00069 | 2.00E-90 |
| 12c00124 | um10578 | 0 | um10578 | 12c00124 | 0 |
| 12c00005 | um02478 | 1.00E-119 | um02478 | 12c00005 | 1.00E-119 |
| 12c00034 | um01355 | 2.00E-89 | um01355 | 12c00034 | 2.00E-90 |
| 12c00124 | um10578 | 0 | um10578 | 12c00124 | 0 |
| 12c00005 | um02478 | 1.00E-119 | um02478 | 12c00005 | 1.00E-119 |
| 12c00034 | um01355 | 2.00E-89 | um01355 | 12c00034 | 2.00E-90 |
| 12c00124 | um10578 | 0 | um10578 | 12c00124 | 0 |
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|---------|----------|----------|----------|----------|
| BBH     | um03949  | 0        | um03949  | 13d00042 |
| BBH     | um11511  | 2.00E-44 | um11511  | 13c00008  |
| BBH     | um04067  | 1.00E-156| um04067  | 13d00101  |
| BBH     | um03872  | 3.00E-74 | um03872  | 13d00003  |
| BBH     | um03972  | 1.00E-175| um03972  | 13c00053  |
| BBH     | um03935  | 1.00E-151| um03935  | 13d00036  |
| BBH     | um11054  | 1.00E-53 | um11054  | 13d00077  |
| BBH     | um03949  | 1.00E-114 | 0.00E-144 | 13d00094  |
| BBH     | um11743  | 1.00E-26 | um11743  | 13d00066  |
| BBH     | um03908  | 0        | um03908  | 13c00020  |
| BBH     | um04042  | 0        | um04042  | 13d00086  |
| BBH     | um11735  | 5.00E-95 | um11735  | 13d00047  |
| BBH     | um04048  | 1.00E-52 | um04048  | 13c00098  |
| BBH     | um11055  | 1.00E-115| um11055  | 13d00088  |
| BBH     | um04067  | 1.00E-136| um04067  | 13d00067  |
| BBH     | um03960  | 3.00E-28 | um03960  | 13c00048  |
| BBH     | um03937  | 0        | um03937  | 13c00030  |
| BBH     | um03929  | 1.00E-80 | um03929  | 13c00035  |
| BBH     | um03914  | 1.00E-153| um03914  | 13d00026  |
| BBH     | um04070  | 4.00E-70 | um04070  | 13c00106  |
| BBH     | um11516  | 5.00E-70 | um11516  | 13d00013  |
| BBH     | um03890  | 2.00E-72 | um03890  | 13c00005  |
| BBH     | um03956  | 5.00E-48 | um03956  | 13d00045  |
| BBH     | um03970  | 4.00E-62 | um03970  | 13c00052  |
| BBH     | um03983  | 8.00E-92 | um03983  | 13d00068  |
| BBH     | um04080  | 0        | um04080  | 13d00111  |
| BBH     | um04071  | 0        | um04071  | 13d00104  |
| BBH     | um11051  | 1.00E-149| um11051  | 13c00079  |
| BBH     | um03946  | 1.00E-103| um03946  | 13d00041  |
| BBH     | um11063.2| 0        | um11063.2| 13d00087  |
| NNN     | um04081  | 2.00E-12 | um04081  | 24d00036  |
| BBH     | um11744  | 6.00E-54 | um11744  | 13c00067  |
| BBH     | um03969  | 0        | um03969  | 13c00052  |
| BBH     | um10579  | 1.00E-131| um10579  | 13d00091  |
| BBH     | um04026  | 0        | um04026  | 13c00089  |
| BBH     | um04083  | 9.00E-75 | um04083  | 13c00083  |
| NNN     | um04044  | 0        | um04044  | 13c00095  |
| BBH     | um04005  | 1.00E-131| um04005  | 13c00059  |
| BBH     | um03936  | 0        | um03936  | 13d00035  |
| BBH     | um11053  | 1.00E-35 | um11053  | 13c00082  |
| BBH     | um03947  | 1.00E-130| um03947  | 13d00047  |
| BBH     | um03923  | 2.00E-63 | um03923  | 13c00026  |
| BBH     | um03917  | 0        | um03917  | 13d00027  |
| BBH     | um12247  | 3.00E-53 | um12247  | 13c00038  |
| BBH     | um03947  | 0        | um03947  | 13c00039  |
| BBH     | um03876.2| 0        | um03876.2| 13d00014  |
| BBH     | um03888  | 1.00E-170| um03888  | 13c00006  |
| BBH     | um12251  | 4.00E-49 | um12251  | 13c00105  |
| NNN     | um15099  | 9.00E-78 | um15099  | 13c0014  |
| BBH     | um04064  | 1.00E-167| um04064  | 13d00099  |
| NNN     | um11525  | 6.00E-95 | um11525  | 13d00044  |
| BBH     | um04006  | 1.00E-105| um04006  | 13d00058  |
| BBH     | um04021  | 0        | um04021  | 13d00075  |
| NNN     | um03964  | 1.00E-105| um03964  | 13c00049  |
| BBH     | um03910  | 8.00E-51 | um03910  | 13d00023  |
| BBH     | um03933  | 7.00E-19 | um03933  | 13c00034  |
| BBH     | um04074  | 1.00E-143| um04074  | 13c00109  |
| BBH     | um03944  | 0        | um03944  | 13d00031  |
| BBH     | um11062  | 1.00E-40 | um11062  | 13c00093  |
| BBH     | um11050  | 1.00E-110| um11050  | 13c00078  |
| NNN     | um05972  | 1.00E-127| um05972  | 6c00005  |
| BBH  | um03884 | 0 | um03884 | 13d00007 | 0 |
| BBH  | um03918 | 1.00E-126 | um03918 | 13d00028 | 1.00E-143 |
| BBH  | um11049.2 | 0 | um11049.2 | 13d00073 | 0 |
| BBH  | um03967 | 0 | um03967 | 13c00051 | 0 |
| BBH  | um15008 | 1.00E-142 | um15008 | 13d00058 | 1.00E-167 |
| BBH  | um11741 | 1.00E-142 | um11741 | 13d00061 | 1.00E-150 |
| BBH  | um04004 | 0 | um04004 | 13c00052 | 0 |
| BBH  | um04057 | 1.00E-168 | um04057 | 13d00094 | 1.00E-161 |
| BBH  | um04038 | 4.00E-70 | um04038 | 13d00111 | 4.00E-65 |
| BBH  | um11526 | 3.00E-78 | um11526 | 13c00058 | 3.00E-76 |
| BBH  | um03921 | 0 | um03921 | 13c00073 | 0 |
| BBH  | um04013 | 2.00E-75 | um04013 | 13d00074 | 2.00E-80 |
| BBH  | um03906 | 1.00E-144 | um03906 | 13d00020 | 1.00E-159 |
| BBH  | um04056 | 0 | um04056 | 13d00093 | 0 |
| BBH  | um11291 | 0 | um11291 | 13d00030 | 0 |
| BBH  | um11517 | 2.00E-41 | um11517 | 13c00033 | 9.00E-50 |
| BBH  | um04079 | 1.00E-124 | um04079 | 13d00110 | 1.00E-143 |
| BBH  | um03966 | 2.00E-19 | um03966 | 13d00050 | 4.00E-19 |
| BBH  | um04009 | 1.00E-124 | um04009 | 13d00055 | 1.00E-129 |
| BBH  | um03877 | 1.00E-150 | um03877 | 13d00012 | 1.00E-147 |
| BBH  | um03950 | 7.00E-63 | um03950 | 13c00040 | 9.00E-68 |
| BBH  | um04017 | 3.00E-84 | um04017 | 13d00076 | 4.00E-90 |
| BBH  | um11290 | 0 | um11290 | 13d00029 | 0 |
| BBH  | um03982 | 1.00E-97 | um03982 | 13d00069 | 1.00E-108 |
| BBH  | um03927 | 1.00E-139 | um03927 | 13d00038 | 1.00E-129 |
| NNN  | um03992 | 1.00E-101 | um03992 | 13c00061 | 0 |
| BBH  | um11736 | 9.00E-75 | um11736 | 13c00049 | 1.00E-75 |
| BBH  | um03893 | 1.00E-114 | um03893 | 13c00002 | 1.00E-117 |
| BBH  | um04000 | 3.00E-42 | um04000 | 13c00068 | 2.00E-35 |
| BBH  | um03965.2 | 1.00E-107 | um03965.2 | 13c00050 | 1.00E-107 |
| BBH  | um11046 | 1.00E-119 | um11046 | 13c00057 | 1.00E-136 |
| BBH  | um04055 | 1.00E-106 | um04055 | 13c00092 | 0 |
| BBH  | um12244 | 3.00E-38 | um12244 | 13c00005 | 2.00E-40 |
| BBH  | um04069 | 0 | um04069 | 13c00103 | 0 |
| BBH  | um04019 | 8.00E-99 | um04019 | 13c00084 | 1.00E-112 |
| BBH  | um04059 | 0 | um04059 | 13c00104 | 0 |
| BBH  | um03919 | 5.00E-62 | um03919 | 13c0024 | 1.00E-62 |
| BBH  | um11967 | 0 | um11967 | 13c00015 | 0 |
| BBH  | um03977 | 3.00E-26 | um03977 | 13c00017 | 5.00E-26 |
| BBH  | um03953 | 2.00E-66 | um03953 | 13d00043 | 7.00E-60 |
| BBH  | um11747.2 | 6.00E-65 | um11747.2 | 13c00070 | 2.00E-59 |
| BBH  | um03928 | 0 | um03928 | 13c0036 | 0 |
| BBH  | um03916 | 3.00E-37 | um03916 | 13c00023 | 2.00E-39 |
| BBH  | um03902 | 0 | um03902 | 13c0017 | 0 |
| BBH  | um04016 | 2.00E-35 | um04016 | 13c00085 | 1.00E-46 |
| BBH  | um11522 | 4.00E-41 | um11522 | 13c0044 | 3.00E-38 |
| BBH  | um04007 | 2.00E-82 | um04007 | 13c00056 | 1.00E-89 |
| BBH  | um03881 | 4.00E-64 | um03881 | 13c00009 | 7.00E-77 |
| BBH  | um04054 | 1.00E-172 | um04054 | 13c00102 | 1.00E-170 |
| BBH  | um03978 | 5.00E-33 | um03978 | 13c00071 | 5.00E-33 |
| BBH  | um04060 | 1.00E-126 | um04060 | 13c00096 | 1.00E-120 |
| BBH  | um11745 | 0 | um11745 | 13c00069 | 0 |
| BBH  | um03959 | 0 | um03959 | 13c0046 | 0 |
| BBH  | um04030 | 3.00E-37 | um04030 | 13c00082 | 3.00E-26 |
| BBH  | um04029 | 1.00E-159 | um04029 | 13c00081 | 1.00E-159 |
| BBH  | um03930 | 1.00E-74 | um03930 | 13c00037 | 4.00E-75 |
| BBH  | um11047 | 0 | um11047 | 13c00056 | 0 |
| NNN  | um11739 | 7.00E-76 | um11739 | 13d00066 | 0 |
| BBH  | um03994 | 1.00E-155 | um03994 | 13c00062 | 1.00E-155 |
| BBH  | um12250 | 0 | um12250 | 13d00063 | 0 |
| BBH   | um03276 | 2.00E-26 | um03276 | 14d00055 | 3.00E-27 |
|-------|---------|----------|---------|-----------|----------|
| BBH   | um03148 | 0        | um03148 | 14d00094  | 0        |
| BBH   | um03283 | 1.00E-47 | um03283 | 14c00050  | 3.00E-52 |
| BBH   | um03349 | 1.00E-124 | um03349 | 14d00019  | 1.00E-123 |
| BBH   | um11017 | 1.00E-143 | um11017 | 14c00001  | 1.00E-140 |
| BBH   | um03363 | 0        | um03363 | 14d00012  | 0        |
| BBH   | um03201 | 4.00E-40 | um03201 | 14d00089  | 5.00E-40 |
| BBH   | um03283 | 1.00E-111 | um03283 | 14c00135  | 1.00E-111 |
| BBH   | um03218 | 1.00E-127 | um03218 | 14d00080  | 1.00E-124 |
| BBH   | um10835 | 1.00E-51 | um10835 | 14d00037  | 2.00E-59  |
| BBH   | um03330 | 2.00E-81 | um03330 | 14c00026  | 5.00E-80  |
| BBH   | um03333 | 2.00E-80 | um03333 | 14d00028  | 1.00E-77  |
| BBH   | um03261 | 0        | um03261 | 14c00070  | 0        |
| BBH   | um12222 | 1.00E-135 | um12222 | 14c00023  | 1.00E-137 |
| BBH   | um03158 | 1.00E-152 | um03158 | 14d00106  | 1.00E-152 |
| NNN   | um10648 | 0        | um10648 | 14c00084  | 0        |
| BBH   | um03244 | 6.00E-52 | um03244 | 14c00074  | 8.00E-47  |
| BBH   | um03194 | 1.00E-165 | um03194 | 14d00103  | 1.00E-170 |
| BBH   | um10824 | 0        | um10824 | 14d00056  | 0        |
| BBH   | um03282 | 1.00E-149 | um03282 | 14c00051  | 1.00E-149 |
| BBH   | um03150 | 1.00E-122 | um03150 | 14d00093  | 1.00E-125 |
| BBH   | um03336 | 1.00E-153 | um03336 | 14c00022  | 1.00E-153 |
| BBH   | um03146 | 0        | um03146 | 14c00106  | 0        |
| BBH   | um11954 | 0        | um11954 | 14c00068  | 0        |
| BBH   | um03373 | 1.00E-155 | um03373 | 14c00009  | 1.00E-159 |
| BBH   | um03304 | 4.00E-34 | um03304 | 14c00039  | 4.00E-32  |
| BBH   | um03365 | 2.00E-25 | um03365 | 14d00011  | 7.00E-35  |
| BBH   | um03366 | 0        | um03366 | 14c00012  | 0        |
| BBH   | um03153 | 0        | um03153 | 14d00105  | 0        |
| BBH   | um12212 | 5.00E-96 | um12212 | 14c00126  | 4.00E-92  |
| BBH   | um10656 | 0        | um10656 | 14c00024  | 0        |
| BBH   | um10842 | 1.00E-121 | um10842 | 14c00030  | 1.00E-121 |
| NNN   | um06453 | 2.00E-66 | um06453 | 14d00004  | 1.00E-123 |
| BBH   | um01643 | 0        | um01643 | 14c00092  | 0        |
| BBH   | um01822 | 0        | um01822 | 14d00092  | 0        |
| BBH   | um03271 | 1.00E-127 | um03271 | 14c00059  | 1.00E-109 |
| NNN   | um10644 | 1.00E-155 | um10644 | 14d00081  | 1.00E-161 |
| BBH   | um03177 | 9.00E-79 | um03177 | 14d00113  | 9.00E-79  |
| BBH   | um03274 | 1.00E-20 | um03274 | 14c00056  | 1.00E-20  |
| BBH   | um03172 | 1.00E-104 | um03172 | 14c00124  | 1.00E-95  |
| BBH   | um03220 | 1.00E-126 | um03220 | 14d00079  | 1.00E-133 |
| BBH   | um03031 | 0        | um03031 | 14d00041  | 0        |
| BBH   | um03266 | 0        | um03266 | 14d00069  | 0        |
| BBH   | um03200 | 0        | um03200 | 14c00098  | 1.00E-180 |
| BBH   | um10827 | 1.00E-174 | um10827 | 14d00053  | 0        |
| BBH   | um10840 | 0        | um10840 | 14c00031  | 0        |
| BBH   | um03293 | 0        | um03293 | 14c00045  | 0        |
| BBH   | um03216 | 0        | um03216 | 14c00091  | 0        |
| BBH   | um03221 | 1.00E-174 | um03221 | 14c00088  | 1.00E-179 |
| NNN   | um00001 | 4.00E-16 | um00001 | 9d00030   | 0        |
| BBH   | um11009 | 0        | um11009 | 14c00015  | 0        |
| BBH   | um10399 | 1.00E-102 | um10399 | 14d00104  | 1.00E-106 |
| BBH   | um03348 | 1.00E-116 | um03348 | 14d00020  | 1.00E-111 |
| BBH   | um03375 | 1.00E-167 | um03375 | 14c00008  | 1.00E-161 |
| Code   | Value1    | Value2    | Code   | Value1    | Value2    |
|--------|-----------|-----------|--------|-----------|-----------|
| BBH    | 14c00036  | um03309   |        | 14c00036  | 0         |
|        | 14c00073  | um03265   |        | 14c00073  | 3.00E-63  |
|        | 14c00109  | um10397   |        | 14c00109  | 0         |
| NNN    | 14c00120  | um03170   |        | 14c00120  | 0         |
|        | 14d00054  | um03277   |        | 14d00054  | 0         |
|        | 14d00063  | um03251   |        | 14d00063  | 1.00E-44  |
|        | 14d00044  | um03290   |        | 14d00044  | 2.00E-34  |
|        | 14c00049  | um03284   |        | 14c00049  | 2.00E-38  |
|        | 14d00112  | um10391   |        | 14d00112  | 1.00E-173 |
|        | 14d00098  | um03141   |        | 14d00098  | 0         |
|        | 14c00093  | um10641   |        | 14c00093  | 0         |
|        | 14d00016  | um03352   |        | 14d00016  | 5.00E-61  |
|        | 14c00029  | um03323   |        | 14c00029  | 0         |
|        | 14c00046  | um03292   |        | 14c00046  | 0         |
|        | 14d00040  | um10833   |        | 14d00040  | 0         |
|        | 14d00038  | um03306   |        | 14d00038  | 0         |
|        | 14d00045  | um03290   |        | 14d00045  | 1.00E-145 |
|        | 14c00041  | um03298   |        | 14c00041  | 0         |
|        | 14c00034  | um03312   |        | 14c00034  | 1.00E-164 |
|        | 14c00117  | um10384   |        | 14c00117  | 1.00E-52  |
|        | 14d00085  | um10639   |        | 14d00085  | 1.00E-135 |
|        | 14c00064  | um03252   |        | 14c00064  | 0         |
|        | 14d00121  | um02813   |        | 14d00121  | 1.00E-166 |
|        | 14c00110  | um10398   |        | 14c00110  | 3.00E-79  |
|        | 14d00005  | um03379   |        | 14d00005  | 0         |
|        | 14d00052  | um03281   |        | 14d00052  | 0         |
|        | 14d00097  | um03143   |        | 14d00097  | 8.00E-76  |
|        | 14c00080  | um03232   |        | 14c00080  | 2.00E-21  |
|        | 14d00076  | um03232   |        | 14d00076  | 1.00E-141 |
| NNN    | 14c00052  | um03280   |        | 14c00052  | 0         |
|        | 14c00048  | um03285   |        | 14c00048  | 0         |
|        | 14c00035  | um03310   |        | 14c00035  | 1.00E-105 |
|        | 14c00005  | um03381   |        | 14c00005  | 1.00E-128 |
|        | 14c00101  | um10400   |        | 14c00101  | 1.00E-175 |
|        | 14c00016  | um03355   |        | 14c00016  | 6.00E-96  |
|        | 14d00107  | um10385   |        | 14d00107  | 0         |
|        | 14d00101  | um10396.2 |        | 14d00101  | 0         |
|        | 14c00033  | um03315   |        | 14c00033  | 0         |
|        | 14c00011  | um11014   |        | 14c00011  | 0         |
|        | 14c00122  | um03167   |        | 14c00122  | 1.00E-167 |
|        | 14d00018  | um03351   |        | 14d00018  | 0         |
|        | 14d00072  | um03241   |        | 14d00072  | 1.00E-140 |
|        | 14d00007  | um12228   |        | 14d00007  | 7.00E-73  |
|        | 14c00107  | um10381   |        | 14c00107  | 4.00E-38  |
|        | 14d00066  | um03262   |        | 14d00066  | 0         |
|        | 14c00028  | um03325   |        | 14c00028  | 0         |
|        | 14c00007  | um03376   |        | 14c00007  | 0         |
|        | 14c00060  | um15098   |        | 14c00060  | 1.00E-48  |
|        | 14d00059  | um15004   |        | 14d00059  | 0         |
|        | 14d00096  | um03206   |        | 14d00096  | 0         |
|        | 14d00046  | um03289   |        | 14d00046  | 1.00E-104 |
|        | 14d000137 | um02021   |        | 14d000137 | 9.00E-32  |
|        | 14d00015  | um03356   |        | 14d00015  | 0         |
|        | 14d00039  | um03303   |        | 14d00039  | 0         |
|        | 14d00096  | um03144   |        | 14d00096  | 0         |
|        | 14c00131  | um10379   |        | 14c00131  | 0         |
|        | 14d00062  | um10651   |        | 14d00062  | 1.00E-176 |
|        | 14d00118  | um10386   |        | 14d00118  | 5.00E-96  |
|        | 14d00087  | um15003   |        | 14d00087  | 0         |
|        | 14d00030  | um10655   |        | 14d00030  | 0         |
| Value  | Description | Quantity | Value  | Description | Quantity |
|--------|-------------|----------|--------|-------------|----------|
| 4.00E-78 | um03207 | 4.00E-78 | um03207 | 4.00E-78 | um03207 |
| 1.00E-120 | um03124 | 1.00E-120 | um03124 | 1.00E-120 | um03124 |
| 6.00E-56 | um10832 | 6.00E-56 | um10832 | 6.00E-56 | um10832 |
| 1.00E-161 | um11955 | 1.00E-161 | um11955 | 1.00E-161 | um11955 |
| 1.00E-87 | um11955 | 1.00E-87 | um11955 | 1.00E-87 | um11955 |
| 2.00E-31 | um03223 | 2.00E-31 | um03223 | 2.00E-31 | um03223 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 0 | um03235 | 0 | um03235 | 0 | um03235 |
| 1.00E-171 | um10392 | 1.00E-171 | um10392 | 1.00E-171 | um10392 |
| 6.00E-56 | um10832 | 6.00E-56 | um10832 | 6.00E-56 | um10832 |
| 1.00E-120 | um03124 | 1.00E-120 | um03124 | 1.00E-120 | um03124 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 2.00E-31 | um03223 | 2.00E-31 | um03223 | 2.00E-31 | um03223 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 0 | um03235 | 0 | um03235 | 0 | um03235 |
| 1.00E-171 | um10392 | 1.00E-171 | um10392 | 1.00E-171 | um10392 |
| 6.00E-56 | um10832 | 6.00E-56 | um10832 | 6.00E-56 | um10832 |
| 1.00E-120 | um03124 | 1.00E-120 | um03124 | 1.00E-120 | um03124 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 2.00E-31 | um03223 | 2.00E-31 | um03223 | 2.00E-31 | um03223 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 0 | um03235 | 0 | um03235 | 0 | um03235 |
| 1.00E-171 | um10392 | 1.00E-171 | um10392 | 1.00E-171 | um10392 |
| 6.00E-56 | um10832 | 6.00E-56 | um10832 | 6.00E-56 | um10832 |
| 1.00E-120 | um03124 | 1.00E-120 | um03124 | 1.00E-120 | um03124 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| 2.00E-31 | um03223 | 2.00E-31 | um03223 | 2.00E-31 | um03223 |
| 1.00E-122 | um03207 | 1.00E-122 | um03207 | 1.00E-122 | um03207 |
| Code | Value | Value | Value | Value |
|------|-------|-------|-------|-------|
| BBH 16d00066 um05577 | 0 | um05577 | 16d00066 | 0 |
| BBH 16d00038 um05518 | 1.00E-59 | um05518 | 16d00038 | 9.00E-63 |
| BBH 16c00056 um05546 | 1.00E-134 | um05546 | 16c00056 | 1.00E-135 |
| BBH 16c00005 um05439 | 2.00E-84 | um05439 | 16c00005 | 4.00E-85 |
| BBH 16c00074 um05575 | 1.00E-167 | um05575 | 16c00074 | 1.00E-174 |
| BBH 16c00066 um05562 | 1.00E-117 | um05562 | 16c00066 | 1.00E-108 |
| BBH 16c00079 um05591 | 1.00E-85 | um05591 | 16c00079 | 6.00E-82 |
| BBH 16d00017 um10748 | 0 | um10748 | 16d00017 | 0 |
| BBH 16c00028 um05493 | 4.00E-70 | um05493 | 16c00028 | 3.00E-75 |
| BBH 16c00081 um05589 | 3.00E-40 | um05589 | 16c00081 | 1.00E-40 |
| BBH 16d00006 um05560 | 0 | um05560 | 16d00006 | 0 |
| BBH 16c00036 um05546 | 1.00E-134 | um05546 | 16c00036 | 1.00E-135 |
| BBH 16c00074 um05575 | 1.00E-167 | um05575 | 16c00074 | 1.00E-174 |
| BBH 16c00066 um05562 | 1.00E-117 | um05562 | 16c00066 | 1.00E-108 |
| BBH 16c00079 um05591 | 1.00E-85 | um05591 | 16c00079 | 6.00E-82 |
| BBH 16d00017 um10748 | 0 | um10748 | 16d00017 | 0 |
| BBH 16c00028 um05493 | 4.00E-70 | um05493 | 16c00028 | 3.00E-75 |
| BBH 16c00081 um05589 | 3.00E-40 | um05589 | 16c00081 | 1.00E-40 |
| BBH 16d00006 um05560 | 0 | um05560 | 16d00006 | 0 |
| BBH 16c00036 um05546 | 1.00E-134 | um05546 | 16c00036 | 1.00E-135 |
| BBH 16c00074 um05575 | 1.00E-167 | um05575 | 16c00074 | 1.00E-174 |
| BBH 16c00066 um05562 | 1.00E-117 | um05562 | 16c00066 | 1.00E-108 |
| BBH 16c00079 um05591 | 1.00E-85 | um05591 | 16c00079 | 6.00E-82 |
| BBH 16d00017 um10748 | 0 | um10748 | 16d00017 | 0 |
| BBH 16c00028 um05493 | 4.00E-70 | um05493 | 16c00028 | 3.00E-75 |
| BBH 16c00081 um05589 | 3.00E-40 | um05589 | 16c00081 | 1.00E-40 |
| BBH 16d00006 um05560 | 0 | um05560 | 16d00006 | 0 |
| BBH 16c00036 um05546 | 1.00E-134 | um05546 | 16c00036 | 1.00E-135 |
| BBH 16c00074 um05575 | 1.00E-167 | um05575 | 16c00074 | 1.00E-174 |
| BBH 16c00066 um05562 | 1.00E-117 | um05562 | 16c00066 | 1.00E-108 |
| BBH 16c00079 um05591 | 1.00E-85 | um05591 | 16c00079 | 6.00E-82 |
| BBH | 18c00063 | um04189 | um04189 | 18c00063 | 0 |
| BBH | 18c00017 | um10428 | um04189 | 18c00017 | 1.00E-158 |
| BBH | 18c00071 | um04169 | um04169 | 18c00071 | 0 |
| BBH | 18c00084 | um04150 | um04150 | 18c00084 | 0 |
| BBH | 18d00053 | um04210 | um04210 | 18d00053 | 0 |
| BBH | 18c00045 | um04223 | um04223 | 18c00045 | 1.00E-116 |
| BBH | 18c00058 | um11126 | um11126 | 18c00058 | 0 |
| BBH | 18d00043 | um10407 | um10407 | 18d00043 | 5.00E-78 |
| BBH | 18c00073 | um04172.2 | um10428 | 18c00073 | 1.00E-88 |
| BBH | 18c00094 | um04117 | um04117 | 18c00094 | 0 |
| BBH | 18d00096 | um10884 | um10884 | 18d00096 | 1.00E-149 |
| BBH | 18d00035 | um04242 | um04242 | 18d00035 | 0 |
| BBH | 18d00063 | um04190 | um04190 | 18d00063 | 1.00E-115 |
| BBH | 18c00001 | um04301 | um04301 | 18c00001 | 0 |
| BBH | 18c00031 | um04241 | um04241 | 18c00031 | 4.00E-29 |
| BBH | 18c00039 | um04228 | um04228 | 18c00039 | 1.00E-144 |
| BBH | 18d00103 | um04125 | um04125 | 18d00103 | 1.00E-100 |
| BBH | 18c00026 | um04254 | um04254 | 18c00026 | 0 |
| BBH | 18c00052 | um04209 | um04209 | 18c00052 | 0 |
| BBH | 18d00033 | um04244 | um04244 | 18d00033 | 2.00E-46 |
| BBH | 18d00068 | um04184 | um04184 | 18d00068 | 3.00E-75 |
| BBH | 18d00012 | um10432.2 | um10432.2 | 18d00012 | 0 |
| BBH | 18d00019 | um04268 | um04268 | 18d00019 | 0 |
| NNN | 18d00046 | um11133 | 3.00E-39 |
| NNN | 18d00106 | um04092 | um04092 | 18d00106 | 7.00E-83 |
| BBH | 18d00050 | um04216 | um04216 | 18d00050 | 0 |
| BBH | 18c00060 | um04196 | um04196 | 18c00060 | 9.00E-84 |
| BBH | 18d00007 | um04294 | um04294 | 18d00007 | 1.00E-99 |
| BBH | 18d00091 | um04149 | um04149 | 18d00091 | 2.00E-41 |
| BBH | 18c00034 | um12255 | um12255 | 18c00034 | 0 |
| BBH | 18d00075 | um04177.2 | um04177.2 | 18d00075 | 0 |
| BBH | 18c00007 | um04290 | um04290 | 18c00007 | 0 |
| BBH | 18c00093 | um04127 | um04127 | 18c00093 | 0 |
| NNN | 18d00042 | um04224 | um04224 | 18c00097 | 0 |
| BBH | 18c00097 | um11115 | um11115 | 18c00097 | 0 |
| BBH | 18c00076 | um04162 | um04162 | 18c00076 | 1.00E-153 |
| BBH | 18c00089 | um04133 | um04133 | 18c00089 | 7.00E-93 |
| BBH | 18d00099 | um04132 | um04132 | 18d00099 | 0 |
| BBH | 18d00004 | um10434 | um10434 | 18d00004 | 0 |
| BBH | 18c00088 | um04161 | um04161 | 18c00088 | 0 |
| NNN | 18d00073 | um04179 | um04179 | 18d00072 | 6.00E-34 |
| BBH | 18d00051 | um04175 | um04175 | 18d00081 | 0 |
| BBH | 18d00015 | um10431 | um10431 | 18c00015 | 1.00E-150 |
| BBH | 18d00015 | um04278.2 | um04278.2 | 18d00015 | 0 |
| BBH | 18d00051 | um04213 | um04213 | 18d00051 | 0 |
| BBH | 18d00008 | um04288 | um04288 | 18d00008 | 1.00E-124 |
| BBH | 18d00013 | um10429 | um10429 | 18d00013 | 0 |
| NNN | 18c00065 | um04503 | 4.00E-39 |
| NNN | 18d00041 | um11301 | um11301 | 18d00018 | 0 |
| BBH | 18d00090 | um04152 | um04152 | 18d00090 | 0 |
| BBH | 18c00092 | um04128 | um04128 | 18c00092 | 0 |
| BBH | 18d00023 | um04262 | um04262 | 18c00023 | 1.00E-144 |
| BBH | 18d00098 | um04134 | um04134 | 18d00098 | 0 |
| BBH | 18c00033 | um04237 | um04237 | 18c00033 | 2.00E-48 |
| BBH | 18c00075 | um04164 | um04164 | 18c00075 | 0 |
| BBH | 18d00005 | um04291 | um04291 | 18d00005 | 0 |
| BBH | 18d00016 | um10430 | um10430 | 18d00016 | 5.00E-60 |
| BBH | 18c00047 | um04220 | um04220 | 18c00047 | 3.00E-88 |
| BBH | 18d00087 | um04158 | um04158 | 18d00087 | 0 |
| BBH | 18d00080 | um04174 | um04174 | 18d00080 | 0 |
| NNN | 18c00104 | um03416 | um03416 | 8c00113 | 1.00E-134 |
| BBH | 18d00105 | um04116.2 | um04116.2 | 18d000105 | 1.00E-123 |
| BBH  | um12206  | 6.00E-38 | um12206 | 19d00034 | 1.00E-31 |
|------|----------|----------|----------|----------|----------|
| BBH  | um002960 | 0        | um002960 | 19d00088 | 0        |
| BBH  | um002861 | 2.00E-16 | um002861 | 19d00142 | 2.00E-17 |
| BBH  | um03110  | 1.00E-136 | um03110 | 19d00005 | 1.00E-127 |
| BBH  | um03092  | 1.00E-112 | um03092 | 19d00016 | 1.00E-109 |
| NNN  | um10322  | 0        |          |          |          |
| BBH  | um00071  | 1.00E-93 | um00342  | 19d00095 | 5.00E-73 |
| BBH  | um10303  | 5.00E-73 | um10303  | 19d00095 | 4.00E-71 |
| BBH  | um102887 | 0        | um02887 | 19d00130 | 0        |
| BBH  | um02828  | 0        | um02828 | 19d00164 | 0        |
| BBH  | um02895  | 0        | um02895 | 19d00124 | 0        |
| BBH  | um02920  | 1.00E-123 | um02920 | 19d00100 | 1.00E-123 |
| BBH  | um03038  | 0        |          |          |          |
| NNN  | um10366.2 | 6.00E-50 | um10366.2 | 19d00039 | 4.00E-54 |
| BBH  | um11947  | 9.00E-29 | um11947 | 19c00011 | 9.00E-29 |
| BBH  | um002994 | 4.00E-91 | um002994 | 19d00063 | 2.00E-93 |
| BBH  | um002962 | 2.00E-54 | um002962 | 19d00107 | 3.00E-55 |
| BBH  | um10360  | 2.00E-39 | um10360 | 19d00060 | 2.00E-39 |
| BBH  | um02880  | 0        | um02880 | 19d00075 | 0        |
| BBH  | um03068  | 1.00E-146 | um03068 | 19d00027 | 1.00E-147 |
| BBH  | um03030  | 2.00E-92 | um03030 | 19d00064 | 0        |
| BBH  | um10636  | 1.00E-159 | um10636 | 19c00017 | 1.00E-151 |
| NNN  | um02891  | 7.00E-47 |          |          |          |
| BBH  | um02911  | 0        | um02911 | 19d00115 | 0        |
| BBH  | um02824  | 1.00E-131 | um02824 | 19d00165 | 1.00E-128 |
| BBH  | um02862  | 0        | um02862 | 19d00075 | 0        |
| BBH  | um03017  | 1.00E-109 | um03017 | 19d00057 | 1.00E-124 |
| BBH  | um10303  | 5.00E-13 | um10303 | 19d00090 | 4.00E-16 |
| BBH  | um02880  | 0        | um02880 | 19d00133 | 9.00E-71 |
| BBH  | um11947  | 1.00E-165 | um11947 | 19c00017 | 3.00E-87 |
| BBH  | um06040  | 1.00E-101 | um06040 | 20c00055 | 1.00E-94 |
| BBH  | um06066  | 0        | um06066 | 20c00041 | 0        |
| BBH  | um06071  | 0        | um06071 | 20d00034 | 0        |
| BBH  | um06131  | 1.00E-142 | um06131 | 20d00016 | 1.00E-137 |
| BBH  | um06046  | 1.00E-169 | um06046 | 20d00048 | 1.00E-164 |
| BBH  | um11206  | 1.00E-102 | um11206 | 20d00019 | 1.00E-100 |
| BBH  | um05989  | 0        | um05989 | 20d00076 | 0        |
| BBH  | um06085  | 2.00E-87 | um06085 | 20c00031 | 1.00E-89 |
| BBH  | um06059  | 0        | um06059 | 20d00041 | 0        |
| BBH  | um06103  | 0        | um06103 | 20d00020 | 0        |
| BBH  | um06037  | 7.00E-94 | um06037 | 20c00056 | 5.00E-88 |
| BBH  | um06062  | 0        | um06062 | 20c00043 | 0        |
| BBH  | um11208  | 8.00E-67 | um11208 | 20d00016 | 1.00E-74 |
| BBH  | um06065  | 0        | um06065 | 20d00037 | 0        |
| BBH  | um15102  | 0        | um15102 | 20c00027 | 0        |
| BBH  | um05994  | 0        | um05994 | 20d00075 | 0        |
| BBH  | um12322  | 7.00E-48 | um12322 | 20d00014 | 2.00E-49 |
| BBH  | um06032  | 2.00E-30 | um06032 | 20d00054 | 2.00E-29 |
| BBH  | um06087  | 0        | um06087 | 20c00030 | 0        |
| BBH  | um06060  | 5.00E-87 | um06060 | 20d00040 | 9.00E-85 |
| BBH  | um06072  | 1.00E-110 | um06072 | 20d00033 | 1.00E-113 |
| BBH  | um06105  | 0        | um06105 | 20d00018 | 0        |
| BBH  | um05982  | 1.00E-144 | um05982 | 20d00077 | 1.00E-133 |
| BBH  | um06068  | 1.00E-75 | um06068 | 20c00040 | 2.00E-79 |
| BBH  | um06102  | 1.00E-179 | um06102 | 20c00026 | 1.00E-176 |
| BBH  | um05998  | 4.00E-52 | um05998 | 20d00065 | 3.00E-53 |
| BBH   | um01805 | 1.00E-120 | um01805 | 22c00195 | 1.00E-123 |
|-------|---------|-----------|---------|----------|-----------|
| BBH   | um01660 | 0         | um01660 | 22c00118 | 1.00E-177 |
| BBH   | um01733 | 1.00E-113 | um01733 | 22d00144 | 1.00E-122 |
| BBH   | um1368  | 6.00E-32  | um1368  | 22d00150 | 6.00E-32  |
| BBH   | um01628 | 2.00E-15   | um01628 | 22d00110 | 6.00E-43  |
| BBH   | um01784 | 5.00E-85   | um01784 | 22d00172 | 3.00E-85  |
| BBH   | um01885 | 1.00E-160  | um01885 | 22d00222 | 1.00E-170 |
| BBH   | um01959 | 0         | um01959 | 22c00288 | 0         |
| BBH   | um01961 | 0         | um01961 | 22c00289 | 0         |
| BBH   | um01805 | 2.00E-88   | um01805 | 22d00048 | 2.00E-89  |
| NNN   | um01996 | 0         |         |          |           |
| BBH   | um01942 | 1.00E-179  | um01942 | 22d00257 | 1.00E-179 |
| BBH   | um01753 | 1.00E-141  | um01753 | 22d00159 | 1.00E-138 |
| BBH   | um12174 | 0         | um12174 | 22d00234 | 0         |
| BBH   | um01554 | 1.00E-63   | um01554 | 22d00060 | 3.00E-74  |
| BBH   | um01653 | 1.00E-167  | um01653 | 22d00116 | 1.00E-168 |
| BBH   | um01668 | 0         | um01668 | 22d00109 | 0         |
| BBH   | um01539 | 4.00E-21   | um01539 | 22d00059 | 3.00E-20  |
| BBH   | um10799 | 5.00E-76   | um10799 | 22d00041 | 8.00E-71  |
| BBH   | um01833 | 0         | um01833 | 22d00197 | 0         |
| BBH   | um01962 | 0         | um01962 | 22d00290 | 0         |
| BBH   | um11679 | 0         | um11679 | 22d00074 | 0         |
| BBH   | um01765 | 1.00E-162  | um01765 | 22d00176 | 0         |
| BBH   | um01511 | 3.00E-54   | um01511 | 22d00043 | 4.00E-61  |
| BBH   | um10451 | 8.00E-25   | um10451 | 22d00044 | 5.00E-27  |
| BBH   | um12167 | 0         | um12167 | 22d00211 | 0         |
| BBH   | um01533 | 7.00E-83   | um01533 | 22d00052 | 7.00E-83  |
| BBH   | um01854 | 0         | um01854 | 22d00227 | 0         |
| BBH   | um11362 | 1.00E-16   | um11362 | 22d00145 | 9.00E-14  |
| NNN   | um12138 | 8.00E-24   |         |          |           |
| BBH   | um10691 | 0         | um10691 | 22d00124 | 0         |
| BBH   | um01776 | 1.00E-119  | um01776 | 22d00168 | 1.00E-112 |
| BBH   | um01988 | 0         | um01988 | 22d00279 | 0         |
| BBH   | um01482 | 0         | um01482 | 22d00027 | 0         |
| BBH   | um10254 | 1.00E-173  | um10254 | 22d00191 | 1.00E-173 |
| BBH   | um01877 | 0         | um01877 | 22d00240 | 0         |
| BBH   | um01943 | 0         | um01943 | 22d00278 | 0         |
| BBH   | um01867 | 0         | um01867 | 22d00235 | 0         |
| BBH   | um12169 | 0         | um12169 | 22d00200 | 0         |
| BBH   | um01799 | 1.00E-152  | um01799 | 22d00193 | 1.00E-153 |
| BBH   | um01892 | 0         | um01892 | 22d00252 | 0         |
| BBH   | um11382 | 1.00E-118  | um11382 | 22d00302 | 0         |
| BBH   | um01568 | 2.00E-28   | um01568 | 22d00069 | 2.00E-27  |
| BBH   | um11136 | 1.00E-135  | um11136 | 22d00103 | 1.00E-134 |
| BBH   | um11818 | 1.00E-160  | um11818 | 22d00026 | 1.00E-159 |
| BBH   | um01771 | 7.00E-67   | um01771 | 22d00185 | 4.00E-67  |
| BBH   | um01712 | 1.00E-104  | um01712 | 22d00134 | 1.00E-104 |
| BBH   | um01445 | 0         | um01445 | 22d00003 | 0         |
| BBH   | um01932 | 0         | um01932 | 22d00250 | 0         |
| BBH   | um01613 | 1.00E-180  | um01613 | 22d00092 | 1.00E-177 |
| BBH   | um01687 | 0         | um01687 | 22d00129 | 0         |
| BBH   | um01671 | 5.00E-17   | um01671 | 22d00031 | 1.00E-17  |
| BBH   | um01985 | 6.00E-20   | um01985 | 22d00301 | 7.00E-16  |
| BBH   | um11692 | 0         | um11692 | 22d00079 | 0         |
| BBH   | um01658 | 0         | um01658 | 22d00119 | 0         |
| BBH   | um01577 | 2.00E-89   | um01577 | 22d00080 | 8.00E-97  |
| BBH   | um02017 | 1.00E-135  | um02017 | 22d00295 | 1.00E-139 |
| BBH   | um01667 | 2.00E-94   | um01667 | 22d00110 | 9.00E-85  |
| BBH   | um11379 | 0         | um11379 | 22c00297 | 0         |
| NNN   | um11660 | 0         |         |          |           |
| BBH   | um11681 | 3.00E-26   | um11681 | 22d00070 | 6.00E-35  |
| BBH   | um01777 | 1.00E-142  | um01777 | 22d00167 | 1.00E-142 |
|   |   |   |   |   |
|---|---|---|---|---|
| BBH | 22c00110 | um01646 | 0 | um01646 | 22c00110 | 0 |
| BBH | 22c00036 | um11880 | 4.00E-18 | um11880 | 22c00036 | 4.00E-18 |
| BBH | 22d00111 | um11890 | 1.00E-122 | um11890 | 22d00111 | 1.00E-123 |
| BBH | 22c00179 | um10879 | 2.00E-54 | um10879 | 22c00179 | 2.00E-54 |
| NNN | 22d00007 | um11654 | 7.00E-13 | um11654 | 0 | 0 |
| BBH | 22c00037 | um11881 | 0 | um11881 | 22c00037 | 0 |
| BBH | 22d00294 | um02015 | 0 | um02015 | 22d00294 | 0 |
| BBH | 22d00202 | um01837 | 0 | um01837 | 22d00202 | 0 |
| BBH | 22c00122 | um12161 | 0 | um12161 | 22c00122 | 0 |
| BBH | 22c00058 | um10814 | 1.00E-133 | um10814 | 22c00058 | 1.00E-149 |
| NNN | 22c00111 | um01647 | 0 | um01647 | 0 | 0 |
| BBH | 22c00300 | um01984 | 1.00E-168 | um01984 | 22c00300 | 1.00E-177 |
| BBH | 22c00188 | um01786 | 0 | um01786 | 22c00188 | 0 |
| BBH | 22d00135 | um11896 | 1.00E-138 | um11896 | 22d00135 | 1.00E-139 |
| BBH | 22c00167 | um10867 | 2.00E-86 | um10867 | 22c00167 | 2.00E-84 |
| BBH | 22d00069 | um01559 | 0 | um01559 | 22d00069 | 0 |
| BBH | 22d00258 | um12175 | 0 | um12175 | 22d00258 | 0 |
| BBH | 22d00251 | um10189 | 0 | um10189 | 22d00251 | 0 |
| BBH | 22c00025 | um11365 | 0 | um11365 | 22c00025 | 0 |
| BBH | 22c00153 | um11368 | 0 | um11368 | 22c00153 | 0 |
| BBH | 22c00030 | um11688 | 0 | um11688 | 22c00030 | 0 |
| BBH | 22d00101 | um11334 | 4.00E-54 | um11334 | 22d00101 | 4.00E-54 |
| BBH | 22d00103 | um11335 | 4.00E-39 | um11335 | 22d00103 | 6.00E-40 |
| BBH | 22c00094 | um01617 | 1.00E-134 | um01617 | 22c00094 | 1.00E-130 |
| BBH | 22d00046 | um01515 | 1.00E-161 | um01515 | 22d00046 | 1.00E-161 |
| BBH | 22c00143 | um1703 | 0 | um1703 | 22c00143 | 0 |
| NNN | 22c00220 | um10259 | 2.00E-11 | um10259 | 22c00220 | 0 |
| BBH | 22c00142 | um17090 | 0 | um17090 | 22c00142 | 0 |
| BBH | 22d00243 | um12172 | 1.00E-110 | um12172 | 22d00243 | 1.00E-117 |
| BBH | 22d00199 | um01843 | 0 | um01843 | 22d00199 | 0 |
| BBH | 22d00280 | um11381 | 5.00E-71 | um11381 | 22d00280 | 5.00E-71 |
| BBH | 22c00162 | um01735 | 1.00E-133 | um01735 | 22c00162 | 1.00E-133 |
| BBH | 22c00190 | um1789 | 5.00E-40 | um1789 | 22c00190 | 2.00E-46 |
| BBH | 22d00072 | um01565 | 1.00E-124 | um01565 | 22d00072 | 1.00E-122 |
| BBH | 22c00086 | um01610 | 1.00E-147 | um01610 | 22c00086 | 1.00E-147 |
| BBH | 22c00035 | um01498 | 1.00E-149 | um01498 | 22c00035 | 1.00E-153 |
| BBH | 22c00183 | um01775 | 0 | um01775 | 22c00183 | 0 |
| BBH | 22d00025 | um11665 | 0 | um11665 | 22d00025 | 0 |
| BBH | 22c00106 | um01639 | 0 | um01639 | 22c00106 | 0 |
| BBH | 22c00279 | um01944 | 0 | um01944 | 22c00279 | 0 |
| BBH | 22d00210 | um01857 | 1.00E-157 | um01857 | 22d00210 | 1.00E-162 |
| BBH | 22d00218 | um01874 | 0 | um01874 | 22d00218 | 0 |
| BBH | 22c00076 | um01597 | 1.00E-102 | um01597 | 22c00076 | 1.00E-111 |
| BBH | 22d00035 | um15072 | 1.00E-144 | um15072 | 22d00035 | 1.00E-144 |
| BBH | 22d00094 | um11699 | 3.00E-41 | um11699 | 22d00094 | 2.00E-38 |
| BBH | 22c00174 | um01761 | 1.00E-124 | um01761 | 22c00174 | 1.00E-162 |
| BBH | 22d00277 | um01983 | 7.00E-48 | um01983 | 22d00277 | 4.00E-28 |
| NNN | 22d00146 | um01736 | 9.00E-63 | um01736 | 22d00146 | 0 |
| BBH | 22c00225 | um01851 | 3.00E-44 | um01851 | 22c00225 | 2.00E-46 |
| BBH   | um01528 | 0 | um01528 | 22c00049 | 0 |
|-------|---------|---|---------|----------|---|
| BBH   | um015040 | 0 | um015040 | 22c00020 | 0 |
| BBH   | um01853 | 1.00E-134 | um01853 | 22d00208 | 1.00E-127 |
| BBH   | um01547 | 0 | um01547 | 22d00063 | 0 |
| BBH   | um01737.2 | 0 | um01737.2 | 22d00147 | 0 |
| BBH   | um11893 | 2.00E-80 | um11893 | 22c00125 | 0.0E-83 |
| BBH   | um15042 | 1.00E-156 | um15042 | 22c00117 | 1.00E-158 |
| BBH   | um01852 | 0 | um01852 | 22c00226 | 0 |
| BBH   | um11369 | 1.00E-166 | um11369 | 22d00151 | 1.00E-171 |
| BBH   | um01705 | 1.00E-160 | um01705 | 22d00144 | 1.00E-165 |
| BBH   | um10248 | 0 | um10248 | 22c00128 | 0 |
| BBH   | um11383 | 1.00E-118 | um11383 | 22c00160 | 0.0E-149 |
| BBH   | um01856 | 1.00E-115 | um01856 | 22d00209 | 0.0E-125 |
| BBH   | um12165 | 8.00E-96 | um12165 | 22c00209 | 0.0E-92 |
| BBH   | um10869 | 1.00E-39 | um10869 | 22c00210 | 0.0E-44 |
| BBH   | um10862 | 1.00E-171 | um10862 | 22c00231 | 0.0E-174 |
| BBH   | um1950 | 1.00E-157 | um1950 | 22d00261 | 0.0E-157 |
| BBH   | um01856 | 1.00E-115 | um01856 | 22d00209 | 0.0E-125 |
| BBH   | um10813 | 0 | um10813 | 22c00265 | 0 |
| BBH   | um01952 | 0 | um01952 | 22c00283 | 0 |
| BBH   | um01679 | 0 | um01679 | 22c00134 | 0 |
| BBH   | um11685 | 2.00E-86 | um11685 | 22d00081 | 3.0E-82 |
| BBH   | um01479 | 1.00E-100 | um01479 | 22c00028 | 5.0E-96 |
| BBH   | um01974 | 0 | um01974 | 22c00296 | 0 |
| BBH   | um02625 | 9.00E-22 | um02625 | 22d00286 | 4.0E-22 |
| BBH   | um01504 | 7.00E-34 | um01504 | 22c00040 | 4.0E-30 |
| BBH   | um12173 | 5.00E-17 | um12173 | 22c00245 | 5.0E-11 |
| BBH   | um01652 | 0 | um01652 | 22c00124 | 0 |
| BBH   | um1911 | 1.00E-172 | um1911 | 22c00260 | 1.0E-170 |
| BBH   | um1989 | 1.00E-115 | um1989 | 22c00304 | 1.0E-120 |
| BBH   | um01817 | 9.00E-47 | um01817 | 22c00302 | 3.0E-54 |
| BBH   | um01986 | 0 | um01986 | 22c00186 | 0 |
| BBH   | um10875 | 4.00E-99 | um10875 | 22c00186 | 1.0E-103 |
| BBH   | um1905 | 1.00E-110 | um1905 | 22c00257 | 1.0E-110 |
| BBH   | um01716 | 7.00E-55 | um01716 | 22d00137 | 3.0E-54 |
| BBH   | um11656 | 1.00E-143 | um11656 | 22d00008 | 1.0E-144 |
| BBH   | um11364 | 0 | um11364 | 22c00151 | 0 |
| BBH   | um12140 | 7.00E-30 | um12140 | 22c00019 | 7.0E-32 |
| BBH   | um11361.2 | 0 | um11361.2 | 22d00130 | 0 |
| BBH   | um11689 | 1.00E-143 | um11689 | 22d00084 | 1.0E-137 |
| BBH   | um02007 | 2.00E-88 | um02007 | 22d00291 | 1.0E-89 |
| NNN   | um01682 | 2.00E-82 | um01682 | 22c00132 | 0 |
| NNN   | um11655 | 1.00E-116 | um11655 | 22c00009 | 1.0E-128 |
| NNN   | um01624 | 4.00E-37 | um01624 | 22d00097 | 0.0E-37 |
| BBH   | um1967 | 1.00E-106 | um1967 | 22c00293 | 1.0E-103 |
| BBH   | um01850 | 1.00E-82 | um01850 | 22d00206 | 2.0E-82 |
| BBH   | um01879 | 0 | um01879 | 22c00241 | 0 |
| BBH   | um11657 | 0 | um11657 | 22c00010 | 0 |
| BBH   | um11695 | 0 | um11695 | 22c00081 | 0 |
| NNN   | um1742 | 1.00E-129 | um1742 | 22c00165 | 0.0E-130 |
| NNN   | um1926 | 1.00E-130 | um1926 | 22c00267 | 1.0E-138 |
|     |     |     |     |     |     |
|-----|-----|-----|-----|-----|-----|
| BBH | 22d00224 | um01893 | 1.00E-135 | um01893 | 22d00224 | 1.00E-132 |
| BBH | 22d00188 | um01820 | 7.00E-54 | um01820 | 22d00188 | 7.00E-59 |
| NNN | 22d00141 | um11366 | 1.00E-129 |     |     |     |
| BBH | 22d00267 | um01966 | 0 | um01966 | 22d00267 | 0 |
| BBH | 22c00104 | um01637 | 1.00E-112 | um01637 | 22c00104 | 1.00E-112 |
| BBH | 22d00216 | um01871 | 0 | um01871 | 22d00216 | 0 |
| BBH | 22c00055 | um01540 | 0 | um01540 | 22c00055 | 0 |
| BBH | 22d00242 | um10449.2 | 2.00E-61 | um10449.2 | 22d00242 | 1.00E-67 |
| BBH | 22c00114 | um01670 | 0 | um01670 | 22c00114 | 0 |
| BBH | 22d00054 | um01966 | 0 | um01966 | 22d00054 | 0 |
| BBH | 22c00239 | um10265 | 3.00E-53 | um10265 | 22c00239 | 2.00E-50 |
| BBH | 22d00014 | um01465 | 1.00E-172 | um01465 | 22d00014 | 0 |
| BBH | 22c00256 | um01903 | 1.00E-143 | um01903 | 22c00256 | 1.00E-143 |
| BBH | 22c00088 | um01614 | 0 | um01614 | 22c00088 | 0 |
| BBH | 22d00275 | um01980 | 0 | um01980 | 22d00275 | 0 |
| BBH | 22c00318 | um02016 | 1.00E-93 | um02016 | 22c00318 | 1.00E-93 |
| NNN | 22d00129 | um11360 | 0 |     |     |     |
| BBH | 22d00178 | um01794 | 0 | um01794 | 22d00178 | 0 |
| BBH | 22c00273 | um01933 | 2.00E-20 | um01933 | 22c00273 | 2.00E-20 |
| BBH | 22d00175 | um01790 | 0 | um01790 | 22d00175 | 0 |
| BBH | 22d00044 | um01513 | 1.00E-34 | um01513 | 22d00044 | 2.00E-33 |
| BBH | 22c00056 | um10810 | 1.00E-159 | um10810 | 22c00056 | 1.00E-163 |
| BBH | 22c00046 | um01521 | 0 | um01521 | 22c00046 | 0 |
| BBH | 22d00260 | um01949 | 1.00E-85 | um01949 | 22d00260 | 5.00E-93 |
| BBH | 22c00258 | um01946 | 0 | um01946 | 22c00258 | 0 |
| BBH | 22d00050 | um01526 | 1.00E-165 | um01526 | 22d00050 | 1.00E-168 |
| BBH | 22d00001 | um06350 | 2.00E-68 | um06350 | 22d00001 | 2.00E-68 |
| BBH | 22c00024 | um11688 | 4.00E-12 | um11688 | 22c00024 | 9.00E-12 |
| BBH | 22c00037 | um01501 | 0 | um01501 | 22c00037 | 0 |
| BBH | 22c00193 | um01826 | 0 | um01826 | 22c00193 | 0 |
| BBH | 22c00294 | um01968 | 0 | um01968 | 22c00294 | 0 |
| BBH | 22c00140 | um01696 | 0 | um01696 | 22c00140 | 0 |
| BBH | 22c00215 | um30748 | 3.00E-15 | um30748 | 22c00215 | 9.00E-16 |
| BBH | 22c00271 | um01976 | 4.00E-72 | um01976 | 22c00271 | 1.00E-72 |
| BBH | 22c00230 | um01860 | 4.00E-60 | um01860 | 22c00230 | 3.00E-60 |
| NNN | 22c00107 | um01641 | 8.00E-79 |     |     |     |
| BBH | 22c00138 | um01718 | 1.00E-155 | um01718 | 22c00138 | 1.00E-168 |
| BBH | 22c00290 | um02006 | 1.00E-115 | um02006 | 22c00290 | 1.00E-106 |
| BBH | 22c00285 | um01954 | 1.00E-97 | um01954 | 22c00285 | 1.00E-100 |
| BBH | 22c00083 | um11688 | 4.00E-12 | um11688 | 22c00083 | 9.00E-12 |
| BBH | 22c00288 | um01999 | 0 | um01999 | 22c00288 | 0 |
| BBH | 22c00096 | um01616 | 3.00E-37 | um01616 | 22c00096 | 5.00E-38 |
| BBH | 22c00008 | um01450 | 0 | um01450 | 22c00008 | 0 |
| BBH | 22c00115 | um01669 | 0 | um01669 | 22c00115 | 0 |
| NNN | 22c00307 | um11382 | 2.00E-40 | um11382 | 22c00307 | 1.00E-122 |
| BBH | 22c00131 | um01706 | 2.00E-43 | um01706 | 22c00131 | 3.00E-38 |
| BBH | 22c00184 | um01774 | 0 | um01774 | 22c00184 | 0 |
| BBH | 22c00029 | um11666 | 2.00E-60 | um11666 | 22c00029 | 2.00E-59 |
| BBH | 22c00106 | um01643 | 2.00E-97 | um01643 | 22c00106 | 3.00E-97 |
| BBH | 22c00275 | um01937 | 0 | um01937 | 22c00275 | 0 |
| BBH | 22c00011 | um11658 | 2.00E-45 | um11658 | 22c00011 | 2.00E-47 |
| BBH | 22c00254 | um01899 | 0 | um01899 | 22c00254 | 0 |
| ID | ppm | ppm | 22c00022 |
|----|-----|-----|----------|
| BBH | 1.00E-114 | um11815.2 | 22c00022 | 1.00E-103 |
| BBH | 1.00E-174 | um02022 | 22d00297 | 1.00E-176 |
| BBH | 2.00E-92 | um01847 | 22d00205 | 3.00E-87 |
| BBH | 0 | um01454 | 22d00009 | 0 |
| BBH | 1.00E-152 | um01739 | 22c00164 | 1.00E-164 |
| BBH | 1.00E-137 | um01252 | 22d00189 | 0 |
| BBH | 0 | um01897 | 22c00253 | 0 |
| BBH | 0 | um01858 | 22c00229 | 0 |
| NNN | 1.00E-18 | um011670 | 22d00030 | 0 |
| BBH | 2.00E-68 | um01462 | 22c00013 | 5.00E-72 |
| BBH | 0 | um01722 | 22c00154 | 0 |
| BBH | 1.00E-100 | um01692 | 22d00125 | 6.00E-98 |
| BBH | 2.00E-44 | um01971 | 22d00269 | 6.00E-44 |
| BBH | 3.00E-60 | um01979 | 22d00274 | 6.00E-59 |
| BBH | 0 | um01552 | 22c00067 | 0 |
| BBH | 0 | um01512 | 22c00044 | 0 |
| BBH | 1.00E-120 | um01638 | 22c00105 | 1.00E-136 |
| BBH | 5.00E-50 | um01906 | 22d00231 | 8.00E-50 |
| BBH | 1.00E-174 | um01991 | 22d00282 | 0 |
| BBH | 1.00E-124 | um11690 | 22d00086 | 1.00E-126 |
| NNN | 3.00E-84 | um11689 | 22d00085 | 1.00E-137 |
| BBH | 7.00E-38 | um01505 | 22d00039 | 1.00E-37 |
| BBH | 1.00E-116 | um01651 | 22d00108 | 1.00E-117 |
| NNN | 3.00E-12 | um02473 | 22c00085 | 3.00E-137 |
| BBH | 1.00E-128 | um10593 | 22c00006 | 0 |
| BBH | 0 | um01964 | 22c00292 | 0 |
| BBH | 0 | um01469 | 22c00018 | 0 |
| BBH | 1.00E-16 | um01997.2 | 22d00309 | 1.00E-14 |
| BBH | 1.00E-128 | um10873 | 22c00177 | 1.00E-129 |
| BBH | 0 | um01721 | 22d00140 | 0 |
| NNN | 8.00E-78 | um11682 | 22d00076 | 6.00E-81 |
| BBH | 1.00E-177 | um11901 | 22d00182 | 1.00E-171 |
| BBH | 1.00E-150 | um01986 | 22d00228 | 1.00E-153 |
| BBH | 0 | um01927 | 22d00269 | 0 |
| BBH | 7.00E-70 | um11882 | 22d00038 | 2.00E-67 |
| BBH | 0 | um01514 | 22d00045 | 0 |
| BBH | 1.00E-109 | um01626 | 22c00097 | 1.00E-104 |
| NNN | 5.00E-66 | um01866 | 22d00214 | 0 |
| NNN | 1.00E-172 | um11861 | 22d00212 | 1.00E-57 |
| BBH | 0 | um11683 | 22d00077 | 0 |
| BBH | 1.00E-124 | um01529 | 22d00053 | 1.00E-127 |
| BBH | 0 | um11899 | 22c00199 | 0 |
| BBH | 0 | um10452 | 22d00249 | 0 |
| NNN | 4.00E-18 | um03223 | 22d00148 | 1.00E-29 |
| BBH | 1.00E-115 | um01576 | 22d00071 | 1.00E-126 |
| BBH | 0 | um11667 | 22d00028 | 0 |
| BBH | 1.00E-163 | um01750 | 22c00156 | 1.00E-158 |
| BBH | 0 | um01945 | 22c00280 | 0 |
| BBH | 0 | um01697 | 22c00126 | 0 |
| BBH | 1.00E-123 | um01650 | 22c00113 | 1.00E-125 |
| BBH | 0 | um01503 | 22c00039 | 0 |
| BBH | 0 | um01783 | 22c00166 | 0 |
| BBH | 1.00E-122 | um01883 | 22c00221 | 1.00E-122 |
| BBH | 3.00E-70 | um11696 | 22c00085 | 7.00E-70 |
| BBH | 0 | um01561 | 22c00065 | 0 |
| BBH  | um06164 | 0 | um06164 | 24d00013 | 0 |
|------|---------|---|---------|----------|---|
| BBH  | um06548 | 1.00E-149 | um05648 | 24c00073 | 1.00E-118 |
| BBH  | um06158 | 0 | um06158 | 24c00004 | 0 |
| BBH  | um06174 | 0 | um06174 | 24d00017 | 0 |
| BBH  | um06213 | 4.00E-76 | um06213 | 24c00040 | 1.00E-75 |
| BBH  | um11228 | 6.00E-70 | um11228 | 24d00033 | 3.00E-65 |
| BBH  | um06194 | 0 | um06194 | 24d00025 | 0 |
| BBH  | um10972 | 2.00E-46 | um10972 | 24d00049 | 1.00E-42 |
| NNN  | um12096 | 1.00E-19 | um12096 | 24d00058 | 1.00E-122 |
| BBH  | um06259 | 1.00E-118 | um06259 | 24d00058 | 1.00E-123 |
| NNN  | um03263 | 5.00E-51 | um03263 | 24c00058 | 0 |
| BBH  | um06152 | 1.00E-179 | um06152 | 24c00012 | 0 |
| NNN  | um12330 | 1.00E-101 |  |  |  |
| BBH  | um11224 | 2.00E-61 | um11224 | 24c00039 | 3.00E-59 |
| BBH  | um06212 | 1.00E-103 | um06212 | 24c00039 | 1.00E-111 |
| BBH  | um04305 | 0 | um04305 | 24c00069 | 0 |
| BBH  | um06226 | 1.00E-154 | um06226 | 24d00051 | 0 |
| BBH  | um06186 | 9.00E-87 | um06186 | 24c00025 | 8.00E-79 |
| BBH  | um06188 | 0 | um06188 | 24c00025 | 0 |
| BBH  | um15028 | 2.00E-46 | um15028 | 24c00051 | 0 |
| BBH  | um11217 | 8.00E-33 | um11217 | 24c00051 | 8.00E-33 |
| BBH  | um12331 | 0 | um12331 | 24c00051 | 0 |
| NNN  | um03263 | 9.00E-48 | um03263 | 24c00051 | 0 |
| BBH  | um06231 | 1.00E-161 | um06231 | 24c00051 | 1.00E-156 |
| BBH  | um06154 | 7.00E-49 | um06154 | 24c00051 | 1.00E-52 |
| BBH  | um10979 | 0 | um10979 | 24c00051 | 0 |
| BBH  | um11299 | 1.00E-110 | um11299 | 24c00051 | 1.00E-115 |
| BBH  | um06211 | 0 | um06211 | 24c00051 | 0 |
| BBH  | um12329 | 0 | um12329 | 24c00051 | 0 |
| BBH  | um11235 | 5.00E-69 | um11235 | 24c00074 | 2.00E-62 |
| BBH  | um12326 | 1.00E-96 | um12326 | 24c00074 | 2.00E-99 |
| NNN  | um06224 | 0 |  |  |  |
| BBH  | um06187 | 0 | um06187 | 24c00024 | 0 |
| BBH  | um11225 | 0 | um11225 | 24c00024 | 0 |
| BBH  | um06184 | 0 | um06184 | 24c00022 | 0 |
| BBH  | um11297 | 0 | um11297 | 24c00022 | 0 |
| BBH  | um06251 | 0 | um06251 | 24c00053 | 0 |
| BBH  | um06239 | 0 | um06239 | 24c00056 | 0 |
| BBH  | um0647 | 0 | um0647 | 24c00063 | 0 |
| BBH  | um06163 | 5.00E-54 | um06163 | 24c00014 | 1.00E-42 |
| BBH  | um05646 | 0 | um05646 | 24c00072 | 0 |
| BBH  | um11230 | 0 | um11230 | 24c00072 | 0 |
| BBH  | um06195 | 1.00E-131 | um06195 | 24c00028 | 1.00E-137 |
| BBH  | um11237 | 0 | um11237 | 24c00029 | 0 |
| BBH  | um06228 | 0 | um06228 | 24c00050 | 0 |
| BBH  | um06249 | 0 | um06249 | 24c00051 | 0 |
| BBH  | um06191 | 3.00E-43 | um06191 | 24d00023 | 2.00E-35 |
| NNN  | um06260 | 0 |  |  |  |
| NNN  | um10974.2 | 0 |  |  |  |
| BBH  | um06175 | 0 | um06175 | 24c00021 | 0 |
| BBH  | um06545 | 9.00E-50 | um06545 | 24d00062 | 5.00E-50 |
| BBH  | um11232 | 0 | um11232 | 24d00037 | 0 |
| BBH  | um11233 | 1.00E-101 | um11233 | 24d00040 | 1.00E-101 |
| BBH  | um15068 | 2.00E-87 | um15068 | 24d00037 | 3.00E-86 |
| BBH  | um12325 | 2.00E-22 | um12325 | 24c00015 | 0 |
| BBH  | um10976 | 0 | um10976 | 24d00052 | 0 |
| BBH  | um03627 | 1.00E-133 | um03627 | 24d00059 | 1.00E-133 |
| BBH  | um0968 | 0 | um0968 | 24c00051 | 0 |
| BBH  | um06205 | 0 | um06205 | 24c00035 | 0 |
| BBH  | um0973 | 0 | um0973 | 24d00050 | 0 |
| BBH  | um1432 | 0 | um1432 | 24c0002 | 0 |
| BBH | um06159 | 0 | um06159 | 24c00005 | 0 |
|-----|---------|---|---------|----------|---|
| BBH | um11220 | 0 | um11220 | 24c00020 | 0 |
| BBH | um10975.2 | 1.00E-167 | um10975.2 | 24c00061 | 1.00E-167 |
| BBH | um06168 | 0 | um02028 | 24c00066 | 0 |
| BBH | um03626 | 8.00E-77 | um03626 | 24c00067 | 8.00E-78 |
| BBH | um06193 | 2.00E-74 | um06193 | 24d00024 | 6.00E-07 |
| BBH | um06218 | 1.00E-96 | um06218 | 24d00038 | 1.00E-98 |
| BBH | um06269 | 1.00E-159 | um06269 | 25d00005 | 1.00E-177 |
| BBH | um05729 | 3.00E-87 | um05729 | 25c00056 | 8.00E-80 |
| BBH | um05776 | 0 | um05776 | 25c00085 | 0 |
| BBH | um05625 | 1.00E-46 | um05625 | 25d00011 | 2.00E-46 |
| NNN | um07853 | 1.00E-175 | | |
| BBH | um05753 | 0 | um05753 | 25c00067 | 0 |
| BBH | um05654 | 2.00E-83 | um05654 | 25d00018 | 4.00E-95 |
| BBH | um10735 | 0 | um10735 | 25c00043 | 0 |
| NNN | um00113 | 1.00E-161 | um00113 | 25d00003 | 9.00E-61 |
| BBH | um10742 | 7.00E-33 | um10742 | 25d00032 | 6.00E-33 |
| BBH | um05677 | 1.00E-127 | um05677 | 25d00064 | 1.00E-134 |
| BBH | um05789 | 1.00E-69 | um05789 | 25d00054 | 3.00E-62 |
| BBH | um11584 | 1.00E-103 | um11584 | 25d00024 | 1.00E-117 |
| BBH | um05665 | 0 | um05665 | 25c00053 | 0 |
| NNN | um12019 | 0 | | |
| BBH | um05640 | 1.00E-100 | um05640 | 25d00012 | 3.00E-96 |
| BBH | um05674 | 1.00E-133 | um05674 | 25c00042 | 1.00E-134 |
| BBH | um10718.2 | 0 | um10718.2 | 25c00012 | 0 |
| BBH | um05769 | 1.00E-160 | um05769 | 25d00076 | 1.00E-161 |
| BBH | um15084 | 3.00E-69 | um15084 | 25c00031 | 3.00E-70 |
| BBH | um05676 | 0 | um05676 | 25c00043 | 1.00E-179 |
| NNN | um01881 | 2.00E-77 | um01881 | 25d00002 | 1.00E-157 |
| BBH | um11584 | 1.00E-103 | um11584 | 25c00083 | 1.00E-107 |
| BBH | um05739 | 0 | um05739 | 25c00065 | 0 |
| BBH | um05761 | 2.00E-61 | um05761 | 25c00075 | 1.00E-59 |
| BBH | um05632 | 1.00E-92 | um05632 | 25c00015 | 2.00E-89 |
| BBH | um05678 | 1.00E-90 | um05678 | 25c00039 | 1.00E-90 |
| BBH | um05719.2 | 1.00E-100 | um05719.2 | 25c00029 | 1.00E-121 |
| NNN | um05709 | 1.00E-161 | um05709 | 25c00022 | 1.00E-161 |
| BBH | um05659 | 0 | um05659 | 25c00051 | 0 |
| BBH | um10729 | 2.00E-82 | um10729 | 25c00045 | 5.00E-82 |
| BBH | um05766 | 1.00E-147 | um05766 | 25c00076 | 5.00E-147 |
| BBH | um05626 | 1.00E-74 | um05626 | 25c00003 | 1.00E-74 |
| BBH | um12018 | 7.00E-27 | um12018 | 25c00005 | 3.00E-22 |
| BBH | um05641 | 0 | um05641 | 25c00010 | 1.00E-174 |
| BBH | um05745 | 0 | um05745 | 25c00064 | 0 |
| BBH | um10731 | 2.00E-62 | um10731 | 25d00046 | 1.00E-68 |
| NNN | um05724 | 4.00E-11 | um05724 | 25c00053 | 0 |
| BBH | um05714 | 0 | um05714 | 25c00023 | 0 |
| BBH | um15022.2 | 6.00E-68 | um15022.2 | 25c00021 | 1.00E-67 |
| BBH | um05690 | 0 | um05690 | 25c00037 | 0 |
| BBH | um05728 | 2.00E-65 | um05728 | 25c00061 | 4.00E-74 |
| BBH | um12024 | 9.00E-25 | um12024 | 25c00073 | 8.00E-25 |
| BBH | um05680 | 0 | um05680 | 25c00038 | 0 |
| BBH | um05726 | 0 | um05726 | 25c00060 | 0 |
| BBH | um05700 | 1.00E-158 | um05700 | 25c00028 | 1.00E-160 |
| BBH | um15023 | 0 | um15023 | 25c00059 | 0 |
| BBH | um05725 | 1.00E-104 | um05725 | 25c00058 | 1.00E-104 |
| BBH | um05734 | 1.00E-110 | um05734 | 25c00058 | 1.00E-110 |
| BBH | um05693 | 2.00E-86 | um05693 | 25c00031 | 1.00E-101 |
| BBH | um12312 | 1.00E-124 | um12312 | 25c00037 | 1.00E-126 |
| BBH     | um04713 | 1.00E-138 | um04713 | 26d00086 | 1.00E-138 |
|---------|---------|-----------|---------|----------|-----------|
| BBH     | um04773 | 0         | um04773 | 26d00058 | 0         |
| BBH     | um04758 | 0         | um04758 | 26d00066 | 0         |
| BBH     | um11998 | 0         | um11998 | 26d00067 | 0         |
| BBH     | um04885 | 0         | um04885 | 26c00001 | 0         |
| NNN     | um04700 | 1.00E-86  | um04700 | 26d00045 | 1.00E-109 |
| BBH     | um04700 | 1.00E-108 | um04700 | 26d00003 | 1.00E-108 |
| BBH     | um04848 | 0         | um04848 | 26d00022 | 0         |
| BBH     | um04733 | 2.00E-72  | um04733 | 26d00077 | 5.00E-80  |
| BBH     | um04789 | 1.00E-129 | um04789 | 26d00051 | 1.00E-127 |
| BBH     | um04734 | 0         | um04734 | 26d00079 | 0         |
| BBH     | um04851 | 7.00E-36  | um04851 | 26d00020 | 7.00E-31  |
| BBH     | um04866 | 0         | um04866 | 26d00001 | 0         |
| BBH     | um04808 | 0         | um04808 | 26c00043 | 0         |
| BBH     | um04844 | 1.00E-88  | um04844 | 26c00025 | 2.00E-91  |
| BBH     | um04847 | 2.00E-50  | um04847 | 26c00024 | 7.00E-57  |
| BBH     | um04856 | 1.00E-106 | um04856 | 26d00015 | 1.00E-104 |
| BBH     | um04860 | 1.00E-146 | um04860 | 26d00016 | 1.00E-146 |
| BBH     | um04722 | 2.00E-66  | um04722 | 26d00080 | 2.00E-66  |
| BBH     | um04712 | 0         | um04712 | 26d00089 | 0         |
| BBH     | um04791 | 0         | um04791 | 26d00055 | 0         |
| BBH     | um04778 | 2.00E-94  | um04778 | 26d00060 | 7.00E-96  |
| BBH     | um04702 | 8.00E-88  | um04702 | 26d00095 | 9.00E-88  |
| BBH     | um11997 | 0         | um11997 | 26c00068 | 0         |
| BBH     | um11999 | 0         | um11999 | 26c00065 | 0         |
| BBH     | um04809 | 1.00E-101 | um04809 | 26d00044 | 1.00E-104 |
| BBH     | um04701 | 1.00E-119 | um04701 | 26d00096 | 1.00E-116 |
| BBH     | um10698 | 6.00E-15  | um10698 | 26d00038 | 3.00E-16  |
| BBH     | um04881 | 0         | um04881 | 26d00004 | 0         |
| BBH     | um04703 | 1.00E-132 | um04703 | 26d00094 | 1.00E-132 |
| BBH     | um04830 | 1.00E-117 | um04830 | 26d00032 | 1.00E-123 |
| BBH     | um04749 | 0         | um04749 | 26d00072 | 0         |
| BBH     | um04849 | 7.00E-21  | um04849 | 26c00023 | 3.00E-22  |
| BBH     | um04859 | 0         | um04859 | 26c00017 | 0         |
| BBH     | um04747 | 0         | um04747 | 26c00069 | 0         |
| BBH     | um10687 | 1.00E-104 | um10687 | 26c00058 | 1.00E-104 |
| BBH     | um10683 | 0         | um10683 | 26c00069 | 0         |
| BBH     | um04797 | 1.00E-154 | um04797 | 26c00050 | 1.00E-159 |
| BBH     | um10682 | 0         | um10682 | 26c00072 | 0         |
| BBH     | um04732 | 0         | um04732 | 26c00078 | 0         |
| BBH     | um04798 | 9.00E-63  | um04798 | 26c00048 | 1.00E-63  |
| BBH     | um12015 | 8.00E-21  | um12015 | 26c00094 | 8.00E-21  |
| BBH     | um10858 | 8.00E-66  | um10858 | 26c00008 | 8.00E-66  |
| BBH     | um04755 | 0         | um04755 | 26c00069 | 0         |
| BBH     | um02808 | 0         | um02808 | 26c00096 | 0         |
| BBH     | um10673 | 1.00E-145 | um10673 | 26d00088 | 1.00E-145 |
| BBH     | um04878 | 0         | um04878 | 26c00006 | 0         |
| BBH     | um04716 | 0         | um04716 | 26d00094 | 1.00E-168 |
| BBH     | um10852 | 0         | um10852 | 26d00017 | 0         |
| BBH     | um04740 | 1.00E-108 | um04740 | 26c00075 | 1.00E-114 |
| BBH     | um10684 | 1.00E-128 | um10684 | 26c00068 | 1.00E-131 |
| BBH     | um10854 | 0         | um10854 | 26c00018 | 0         |
| BBH     | um04872 | 0         | um04872 | 26c00010 | 0         |
| BBH     | um15017 | 0         | um15017 | 26c00067 | 0         |
| BBH     | um04799 | 8.00E-11  | um04799 | 26d00047 | 2.00E-15  |
| NNN     | um04833 | 0         | um04833 | 24d00021 | 7.00E-55  |
| BBH     | um02807 | 0         | um02807 | 26d00101 | 1.00E-176 |
| NNN     | um06336 | 2.00E-42  | um06336 | 4c00036 | 1.00E-154 |
| BBH     | um10701 | 2.00E-24  | um10701 | 26c00031 | 4.00E-25  |
| BBH     | um10680 | 0         | um10680 | 26c00077 | 0         |
| NNN     | um10691 | 7c00326 | 4.00E-20  |
| BBH     | um10702 | 8.00E-97  | um10702 | 26d00027 | 8.00E-97  |
| Column 1 | Column 2 | Column 3 | Column 4 | Column 5 |
|---------|---------|---------|---------|---------|
| BBH     | um04813.2 | 0       | um04813.2 | 26c00039 | 0       |
| BBH     | um12282   | 7.00E-96| um12282   | 26d00029  | 2.00E-89|
| BBH     | um04714   | 3.00E-65| um04714   | 26d00085  | 1.00E-66|
| BBH     | um04707   | 1.00E-139| um04707  | 26c00091  | 1.00E-144|
| BBH     | um04775   | 1.00E-66| um04775   | 26c00061  | 4.00E-69|
| NNN     | um04812   | 0       | um04812   | 26c00036  | 0       |
| BBH     | um04786   | 0       | um04786   | 26c00064  | 0       |
| BBH     | um12282   | 3.00E-31| um12282   | 26d00089  | 3.00E-44|
| BBH     | um10686   | 1.00E-123| um10686  | 26d00054  | 1.00E-135|
| BBH     | um04770   | 2.00E-15| um04770   | 26c00063  | 8.00E-18|
| BBH     | um04739   | 1.00E-114| um04739  | 26d00074  | 1.00E-111|
| BBH     | um04737   | 1.00E-88| um04737   | 26d00075  | 4.00E-78|
| BBH     | um04744   | 1.00E-118| um04744  | 26c00097  | 1.00E-126|
| BBH     | um10609   | 1.00E-100| um10609  | 26d00070  | 3.00E-99|
| BBH     | um04752   | 0       | um04752   | 26d00081  | 0       |
| BBH     | um04727   | 0       | um04727   | 26c00007  | 0       |
| BBH     | um12286   | 0       | um12286   | 26d00012  | 0       |
| BBH     | um04871   | 0       | um04871   | 26d00011  | 0       |
| BBH     | um04863   | 3.00E-77| um04863   | 26d00012  | 2.00E-71|
| BBH     | um04771   | 0       | um04771   | 26d00061  | 0       |
| BBH     | um04869   | 0       | um04869   | 26d00012  | 0       |
| BBH     | um10675   | 3.00E-81| um10675   | 26d00086  | 3.00E-79|
| BBH     | um04751   | 1.00E-104| um04751  | 26c00071  | 1.00E-111|
| BBH     | um12007   | 0       | um12007   | 26c00006  | 0       |
| BBH     | um04768   | 0       | um04768   | 26c00064  | 0       |
| BBH     | um04700   | 6.00E-92| um04700   | 26c00093  | 4.00E-86|
| BBH     | um04782   | 0       | um04782   | 26c00059  | 0       |
| NNN     | um10496   | 1.00E-45| um10496   | 26d00021  | 1.00E-159|
| BBH     | um04696   | 5.00E-95| um04696   | 26c00095  | 2.00E-99|
| BBH     | um04743   | 0       | um04743   | 26d00073  | 0       |
| BBH     | um01136   | 0       | um01136   | 26d00026  | 0       |
| BBH     | um04796   | 0       | um04796   | 26d00051  | 0       |
| BBH     | um04738   | 0       | um04738   | 26d00076  | 0       |
| BBH     | um04826   | 0       | um04826   | 26c00033  | 0       |
| BBH     | um04721   | 5.00E-95| um04721   | 26c00084  | 1.00E-114|
| BBH     | um10690   | 4.00E-18| um10690   | 26d00047  | 1.00E-22|
| BBH     | um04880   | 0       | um04880   | 26d00005  | 0       |
| BBH     | um12005   | 1.00E-147| um12005  | 26c00007  | 1.00E-147|
| BBH     | um10855   | 0       | um10855   | 26d00011  | 0       |
| BBH     | um10700   | 6.00E-38| um10700   | 26d00033  | 6.00E-38|
| BBH     | um10851   | 2.00E-88| um10851   | 26d00020  | 2.00E-81|
| BBH     | um04779   | 0       | um04779   | 26d00060  | 0       |
| BBH     | um04720   | 3.00E-33| um04720   | 26d00081  | 7.00E-37|
| BBH     | um12280   | 6.00E-50| um12280   | 26d00090  | 6.00E-50|
| NNN     | um10671   | 1.00E-148| um10671  | 26d00090  | 6.00E-98|
| BBH     | um04764   | 0       | um04764   | 26c00065  | 0       |
| BBH     | um04870   | 1.00E-90| um04870   | 26d00009  | 6.00E-98|
| NNN  | 27d00072 um11537 | 6.00E-83 |
|------|-----------------|----------|
| BBH  | 27d00024 um04539 | 0        | um04539 27d00024 | 0       |
| BBH  | 27d00037 um04562 | 0        | um04562 27d00037 | 0       |
| BBH  | 27c00016 um04517.2 | 0  um04517.2 | 27c00016 | 0       |
| BBH  | 27d00051 um12273.2 | 1.00E-28 | um12273.2 | 27d00051 | 4.00E-20 |
| BBH  | 27c00045 um04580 | 1.00E-57 | um04580 27c00045 | 5.00E-58 |
| NNN  | 27d00068 um04630 | 4.00E-39 | um04630 27d00069 | 1.00E-176 |
| BBH  | 27c00077 um04639 | 0        | um04639 27c00077 | 0       |
| BBH  | 27d00098 um04679 | 1.00E-110 | um04679 27d00098 | 1.00E-111 |
| BBH  | 27d00056 um10983.2 | 1.00E-163 | um10983.2 | 27d00056 | 1.00E-156 |
| BBH  | 27c00063 um04612 | 1.00E-165 | um04612 27c00063 | 1.00E-164 |
| BBH  | 27d00022 um04533 | 6.00E-39 | um04533 27d00024 | 0       |
| BBH  | 27d00037 um04560 | 5.00E-55 | um04560 27d00038 | 1.00E-64 |
| BBH  | 27d00050 um04587 | 0        | um04587 27d00050 | 0       |
| BBH  | 27c00080 um04646 | 3.00E-71 | um04646 27c00080 | 1.00E-77 |
| BBH  | 27c00042 um12271 | 0        | um12271 27c00042 | 0       |
| BBH  | 27c00068 um04624 | 0        | um04624 27c00068 | 0       |
| NNN  | 27d00046 um04581 | 6.00E-78 |
| BBH  | 27c00018 um11989 | 0        | um11989 27c00018 | 0       |
| BBH  | 27c00006 um04494 | 0        | um04494 27c00006 | 0       |
| BBH  | 27c00057 um04602 | 0        | um04602 27c00057 | 0       |
| BBH  | 27c00022 um11756 | 6.00E-28 | um11756 27c00022 | 3.00E-26 |
| BBH  | 27d00002 um04487.2 | 0  um04487.2 | 27d00002 | 0       |
| BBH  | 27d00005 um04501 | 1.00E-124 | um04501 27d00005 | 1.00E-124 |
| BBH  | 27d00028 um04544 | 1.00E-27 | um04544 27d00028 | 3.00E-13 |
| BBH  | 27c00036 um10904 | 1.00E-106 | um10904 27c00036 | 1.00E-101 |
| NNN  | 27c00046 um10909.2 | 5.00E-28 | um10909.2 27c00047 | 0       |
| BBH  | 27c00037 um10905 | 1.00E-124 | um10905 27c00037 | 1.00E-120 |
| BBH  | 27c00027 um11759 | 0        | um11759 27c00027 | 0       |
| NNN  | 27c00025 um10815 | 7.00E-24 | um10815 27c00026 | 0       |
| BBH  | 27c00090 um04668 | 1.00E-101 | um04668 27c00090 | 1.00E-108 |
| BBH  | 27c00043 um04577 | 0        | um04577 27c00043 | 0       |
| BBH  | 27d00043 um10908 | 0        | um10908 27d00043 | 0       |
| BBH  | 27c00064 um03801 | 2.00E-54 | um03801 27c00064 | 2.00E-54 |
| BBH  | 27c00041 um10906 | 5.00E-63 | um10906 27c00041 | 3.00E-68 |
| BBH  | 27c00069 um04625 | 2.00E-52 | um04625 27c00069 | 2.00E-52 |
| BBH  | 27d00059 um04603 | 0        | um04603 27d00059 | 0       |
| BBH  | 27d00069 um04630 | 1.00E-160 | um04630 27d00069 | 1.00E-176 |
| NNN  | 27d00020 um04530 | 1.00E-157 | um04530 11c00084 | 0       |
| BBH  | 27d00100 um11761 | 1.00E-165 | um11761 27d00100 | 1.00E-163 |
| BBH  | 27d00079 um11544 | 7.00E-76 | um11544 27d00079 | 3.00E-74 |
| BBH  | 27d00070 um11534 | 1.00E-146 | um11534 27d00070 | 1.00E-146 |
| BBH  | 27c00066 um04621 | 1.00E-131 | um04621 27c00066 | 1.00E-121 |
| BBH  | 27d00001 um04497 | 0        | um04497 27d00001 | 0       |
| BBH  | 27c00009 um11984 | 5.00E-86 | um11984 27c00009 | 6.00E-99 |
| BBH  | 27d00088 um04665 | 0        | um04665 27d00088 | 0       |
| BBH  | 27c00047 um10909.2 | 0  um10909.2 | 27c00047 | 0       |
| BBH  | 27d00004 um11983 | 2.00E-29 | um11983 27d00004 | 5.00E-29 |
| NNN  | 27d00035 um05602 | 1.00E-59 | um05602 16d00084 | 0       |
| BBH  | 27d00027 um04543 | 0        | um04543 27d00027 | 0       |
| BBH  | 27c00005 um11982 | 0        | um11982 27c00005 | 0       |
| BBH  | 27c00040 um04575 | 5.00E-24 | um04575 27c00040 | 2.00E-18 |
| BBH  | 27c00010 um04505 | 1.00E-157 | um04505 27c00010 | 1.00E-157 |
| BBH  | 27c00082 um12278 | 1.00E-45 | um12278 27c00082 | 3.00E-42 |
| BBH  | 27d00092 um11763 | 4.00E-93 | um11763 27d00092 | 3.00E-94 |
|   |   |   |   |   |
|---|---|---|---|---|
| BBH | 27d00063 | um04613 | 0 | um04613 | 27d00063 | 0 |
| BBH | 27d00058 | um04599 | 6.00E-92 | um04599 | 27d00058 | 1.00E-107 |
| BBH | 27d00083 | um04650 | 1.00E-149 | um04650 | 27d00083 | 1.00E-148 |
| BBH | 27d00011 | um11987 | 2.00E-85 | um11987 | 27d00011 | 6.00E-97 |
| BBH | 27d00010 | um04509 | 8.00E-63 | um04509 | 27d00010 | 9.00E-61 |
| NNN | 27c00026 | um01208 | 8.00E-25 | um01208 | 7c00160 | 3.00E-76 |
| BBH | 27d00034 | um10901 | 1.00E-113 | um10901 | 27d00034 | 1.00E-113 |
| BBH | 27c00024 | um04537 | 8.00E-32 | um04537 | 27c00024 | 5.00E-28 |
| BBH | 27d00060 | um04605 | 7.00E-84 | um04605 | 27d00060 | 4.00E-82 |
| BBH | 27d00003 | um04555 | 3.00E-81 | um04555 | 27d00003 | 6.00E-75 |
| BBH | 27d00033 | um04555 | 0 | um04555 | 27d00033 | 0 |
| BBH | 27c00039 | um10907 | 8.00E-60 | um10907 | 27c00039 | 3.00E-59 |
| BBH | 27d00025 | um11758 | 7.00E-47 | um11758 | 27d00025 | 1.00E-57 |
| BBH | 27c00055 | um10986 | 1.00E-17 | um10986 | 27c00055 | 4.00E-22 |
| BBH | 27c00002 | um04498 | 1.00E-148 | um04498 | 27c00002 | 1.00E-140 |
| BBH | 27c00083 | um11549 | 0 | um11549 | 27c00083 | 0 |
| BBH | 27c00061 | um04609 | 0 | um04609 | 27c00061 | 0 |
| BBH | 27c00059 | um10989 | 1.00E-69 | um10989 | 27c00059 | 4.00E-78 |
| BBH | 27d00086 | um04656.2 | 0 | um04656.2 | 27d00086 | 0 |
| BBH | 27d00081 | um11546 | 4.00E-19 | um11546 | 27d00081 | 1.00E-24 |
| BBH | 27d00064 | um11532 | 1.00E-61 | um11532 | 27d00064 | 3.00E-67 |
| NNN | 27c00073 | um04632 | 6.00E-28 |   |   |   |
| BBH | 27d00057 | um10985 | 1.00E-135 | um10985 | 27d00057 | 1.00E-136 |
| BBH | 27d00045 | um04579 | 0 | um04579 | 27d00045 | 0 |
| BBH | 27c00004 | um04488 | 3.00E-66 | um04488 | 27c00004 | 7.00E-68 |
| BBH | 27c00111 | um04508 | 1.00E-128 | um04508 | 27c00111 | 1.00E-119 |
| BBH | 27d00015 | um04523 | 0 | um04523 | 27d00015 | 0 |
| NNN | 27c00035 | um04563 | 0 |   |   |   |
| BBH | 27c00007 | um04495 | 2.00E-86 | um04495 | 27c00007 | 6.00E-93 |
| BBH | 27c00081 | um12277 | 2.00E-29 | um12277 | 27c00081 | 1.00E-30 |
| BBH | 27d00099 | um04676 | 1.00E-71 | um04676 | 27d00099 | 1.00E-105 |
| BBH | 27c00086 | um04659 | 0 | um04659 | 27d00086 | 0 |
| BBH | 27c00012 | um04510 | 3.00E-37 | um04510 | 27c00012 | 5.00E-35 |
| BBH | 27d00102 | um04673 | 0 | um04673 | 27d00102 | 0 |
| NNN | 27d00085 | um04655 | 1.00E-162 |   |   |   |
| BBH | 27c00058 | um10988 | 4.00E-71 | um10988 | 27c00058 | 4.00E-71 |
| BBH | 27c00092 | um04686 | 0 | um04686 | 27c00092 | 0 |
| BBH | 27c00054 | um04598 | 0 | um04598 | 27c00054 | 0 |
| BBH | 27d00090 | um04669 | 0 | um04669 | 27d00090 | 0 |
| BBH | 48c00001 | um02500 | 3.00E-65 | um02500 | 48c00001 | 2.00E-53 |
| NNN | 68d00001 | um02101 | 1.00E-49 | um02101 | 6d00101 | 4.00E-72 |
| NNN | 15c00001 | um05574 | 1.00E-62 | um05574 | 16d00106 | 1.00E-110 |

1 NNN, not bi-directional best hit
2 BBH, bi-directional best hit