

## pFOS1 DNA: Location of Sites

|           |   |      |      |      |      |      |
|-----------|---|------|------|------|------|------|
| AatII     | 1 | 9736 |      |      |      |      |
| Acc65I    | 1 | 6485 |      |      |      |      |
| AfeI      | 1 | 5842 |      |      |      |      |
| AleI      | 1 | 7817 |      |      |      |      |
| ApaI      | 1 | 8246 |      |      |      |      |
| BamHI     | 1 | 2517 |      |      |      |      |
| BclI      | 1 | 7076 |      |      |      |      |
| BlpI      | 1 | 5756 |      |      |      |      |
| BseRI     | 1 | 6963 |      |      |      |      |
| BsrGI     | 1 | 5058 |      |      |      |      |
| BstEII    | 1 | 8882 |      |      |      |      |
| BstXI     | 1 | 6356 |      |      |      |      |
| BstZ17I   | 1 | 3744 |      |      |      |      |
| EcoNI     | 1 | 4743 |      |      |      |      |
| EcoRI     | 1 | 3120 |      |      |      |      |
| FspAI (x) | 1 | 5027 |      |      |      |      |
| HindIII   | 1 | 2511 |      |      |      |      |
| HpaI      | 1 | 8905 |      |      |      |      |
| KasI      | 1 | 9432 |      |      |      |      |
| KpnI      | 1 | 6485 |      |      |      |      |
| MfeI      | 1 | 6265 |      |      |      |      |
| NarI      | 1 | 9432 |      |      |      |      |
| PaeR7I    | 1 | 4291 |      |      |      |      |
| PflFI     | 1 | 6546 |      |      |      |      |
| PsiI      | 1 | 4398 |      |      |      |      |
| PspOMI    | 1 | 8246 |      |      |      |      |
| PspXI     | 1 | 4290 |      |      |      |      |
| SbfI      | 1 | 5298 |      |      |      |      |
| SexAI     | 1 | 8878 |      |      |      |      |
| SfiI      | 1 | 2547 |      |      |      |      |
| SfoI      | 1 | 9432 |      |      |      |      |
| SnaBI     | 1 | 6907 |      |      |      |      |
| SpeI      | 1 | 8000 |      |      |      |      |
| SrfI (x)  | 1 | 2551 |      |      |      |      |
| StuI      | 1 | 4450 |      |      |      |      |
| ThiI      | 1 | 4291 |      |      |      |      |
| Thl111I   | 1 | 6546 |      |      |      |      |
| XbaI      | 1 | 4470 |      |      |      |      |
| XhoI      | 1 | 4291 |      |      |      |      |
| ZraI      | 1 | 9736 |      |      |      |      |
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| AflII     | 2 | 7886 | 8126 |      |      |      |
| AhdI      | 2 | 916  | 8759 |      |      |      |
| BciVI     | 2 | 73   | 1600 |      |      |      |
| BglII     | 2 | 4424 | 6491 |      |      |      |
| BsaI      | 2 | 849  | 8082 |      |      |      |
| BsmI      | 2 | 2726 | 3133 |      |      |      |
| BspEI     | 2 | 3124 | 7045 |      |      |      |
| BssHII    | 2 | 6742 | 7286 |      |      |      |
| EagI      | 2 | 2482 | 2546 |      |      |      |
| EcoRV     | 2 | 5404 | 5633 |      |      |      |
| MscI      | 2 | 2855 | 6694 |      |      |      |
| NaeI      | 2 | 4981 | 8897 |      |      |      |
| NcoI      | 2 | 2819 | 8465 |      |      |      |
| NdeI      | 2 | 6282 | 9484 |      |      |      |
| NgoMIV    | 2 | 4981 | 8897 |      |      |      |
| NmeAIII   | 2 | 793  | 6192 |      |      |      |
| NotI      | 2 | 2481 | 2545 |      |      |      |
| NruI      | 2 | 3544 | 8950 |      |      |      |
| PciI      | 2 | 1809 | 8760 |      |      |      |
| PstI      | 2 | 5299 | 6840 |      |      |      |
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| SalI      | 2 | 2560 | 8940 |      |      |      |
| ScaI      | 2 | 438  | 2705 |      |      |      |
| SgrAI     | 2 | 6334 | 7491 |      |      |      |
| SmaI      | 2 | 2552 | 4769 |      |      |      |
| TspMI     | 2 | 2552 | 4769 |      |      |      |
| XmaI      | 2 | 2552 | 4769 |      |      |      |
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| AgeI      | 3 | 5105 | 6335 | 7228 |      |      |
| ApaLI     | 3 | 249  | 1495 | 9490 |      |      |
| BaeI      | 3 | 2110 | 6751 | 9047 |      |      |
| BbsI      | 3 | 6321 | 6510 | 7387 |      |      |
| BcgI      | 3 | 394  | 3723 | 8926 |      |      |
| BfuAI     | 3 | 2113 | 5301 | 9050 |      |      |
| BmgBI     | 3 | 2136 | 6313 | 9073 |      |      |
| BmrI      | 3 | 871  | 8286 | 8415 |      |      |
| Bpu10I    | 3 | 3347 | 5204 | 6399 |      |      |
| BsaHI     | 3 | 380  | 9432 | 9736 |      |      |
| BseYI     | 3 | 1505 | 7168 | 7925 |      |      |
| BsgI      | 3 | 3848 | 6615 | 7560 |      |      |
| BspMI     | 3 | 2113 | 5301 | 9050 |      |      |
| BspQI     | 3 | 1931 | 5874 | 7084 |      |      |
| BstAPI    | 3 | 3841 | 8917 | 9483 |      |      |
| BtsI      | 3 | 495  | 523  | 6838 |      |      |
| DraIII    | 3 | 2159 | 3842 | 9096 |      |      |
| PpuMI     | 3 | 2198 | 3629 | 9135 |      |      |
| PvuI      | 3 | 549  | 7148 | 9391 |      |      |
| PvuII     | 3 | 3222 | 5251 | 7257 |      |      |
| SacI      | 3 | 2427 | 8946 | 8954 |      |      |
| SapI      | 3 | 1931 | 5874 | 7084 |      |      |
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| AccI      | 4 | 318  | 691  | 3034 | 6876 |      |
| AflIII    | 4 | 1809 | 6251 | 6425 | 8760 |      |
| AvaI      | 4 | 2552 | 4291 | 4769 | 7395 |      |
| BanI      | 4 | 2427 | 8246 | 8946 | 8954 |      |
| BsaBI     | 4 | 2091 | 2175 | 9028 | 9112 |      |
| BsoBI     | 4 | 2552 | 4291 | 4769 | 7395 |      |
| BsrBI     | 4 | 77   | 1878 | 3560 | 4182 |      |
| CspCI     | 4 | 2154 | 8645 | 8688 | 9091 |      |
| EcoO109I  | 4 | 2198 | 3629 | 9135 | 9678 |      |
| FspI      | 4 | 696  | 5028 | 8854 | 9411 |      |
| NspI      | 4 | 1809 | 3729 | 8760 | 9630 |      |
| PflMI     | 4 | 2889 | 3456 | 4229 | 6571 |      |
| TatI (x)  | 4 | 438  | 2705 | 5058 | 9500 |      |
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| AccI      | 5 | 2560 | 3744 | 3803 | 8171 | 8940 |
| BglI      | 5 | 797  | 2548 | 4443 | 8892 | 9417 |
| BmeI580I  | 5 | 249  | 1495 | 2653 | 8246 | 9490 |
| BpuEI     | 5 | 296  | 1164 | 1441 | 1703 | 6870 |
| BsaAI     | 5 | 3429 | 6424 | 6907 | 7012 | 7749 |
| BsmBI     | 5 | 2902 | 3443 | 5214 | 9616 | 9670 |
| HincII    | 5 | 2560 | 4801 | 7482 | 8905 | 8940 |
| StyI      | 5 | 2819 | 3914 | 4364 | 5011 | 8465 |

There are no restriction sites for the following enzymes:

AarI(x), AscI, AsiSI, AvrII, BbvCI, BmtI, BsiWI, BspDI, BstBI, Bsu36I, ClaI, FseI, I-CeuI, I-SceI, MluI, NheI, NsiI, PI-PspI, PI-SceI, PacI, PmeI, PmlI, RsrII, SacII, SanDI(x), SphI, SwaI, XcmI

(x) = enzyme not available from NEB