**pMOLuc Sequence**



GGAAACAGCTATGACCATGATTACGCCAAGCTCGAAATTAACCCTCACTAAAGGGAACAAAAGCTGGTACGAGGACAGGCTGGAGCCATGGCTGGTGACCACGTCGTGGAATGCCTTCGAATTCAGCACCTGCACATGGGACGTCGACCTGAGGTAATTATAACCCGGGCCCTATATATGGATCCAATTGCAATGATCATCATGACAGATCTGCGCGCGATCGATATCAGCGCTTTAAATTTGCGCATGCTAGCTATAGTTCTAGAGGTACCGGTTGTTAACGTTAGCCGGCTACGTATACTCCGGAATATTAATAGGCCTAGGATGCATATGGCGGCCGCCTGCAGCTGGCGCCATCGATACGCGTACGTCGCGACCGCGGACATGTACAGAGCTCGAGAAGTACTAGTGGCCACGTGGGCCGTGCACCTTAAGCTTGCCTAATCGGACGAAAAAATGACCATGATTACGCCAAGCTCCAATTCGCCCTATAGTGAGTCGTATTACAATTCACTGGCCGTCGTTTTACCCGGATCTGCATCGCAGGATGCTGCTGGCTACCCTGTGGAACACCTACATCTGTATTAACGAAGCGCTGGCATTGACCCTGAGTGATTTTTCTCTGGTCCCGCCGCATCCATACCGCCAGTTGTTTACCCTCACAACGTTCCAGTAACCGGGCATGTTCATCATCAGTAACCCGTATCGTGAGCATCCTCTCTCGTTTCATCGGTATCATTACCCCCATGAACAGAAATCCCCCTTACACGGAGGCATCAGTGACCAAACAGGAAAAAACCGCCCTTAACATGGCCCGCTTTATCAGAAGCCAGACATTAACGCTTCTGGAGAAACTCAACGAGCTGGACGCGGATGAACAGGCAGACATCTGTGAATCGCTTCACGACCACGCTGATGAGCTTTACCGCAGCTGCCTCGCGCGTTTCGGTGATGACGGTGAAAACCTCTGACACATGCAGCTCCCGGAGACGGTCACAGCTTGTCTGTAAGCGGATGCCGGGAGCAGACAAGCCCGTCAGGGCGCGTCAGCGGGTGTTGGCGGGTGTCGGGGCGCAGCCATGACCCAGTCACGTAGCGATAGCGGAGTGTATACTGGCTTAACTATGCGGCATCAGAGCAGATTGTACTGAGAGTGCACCATATGCGGTGTGAAATACCGCACAGATGCGTAAGGAGAAAATACCGCATCAGGCGCTCTTCCGCTTCCTCGCTCACTGACTCGCTGCGCTCGGTCGTTCGGCTGCGGCGAGCGGTATCAGCTCACTCAAAGGCGGTAATACGGTTATCCACAGAATCAGGGGATAACGCAGGAAAGAACATGTGAGCAAAAGGCCAGCAAAAGGCCAGGAACCGTAAAAAGGCCGCGTTGCTGGCGTTTTTCCATAGGCTCCGCCCCCCTGACGAGCATCACAAAAATCGACGCTCAAGTCAGAGGTGGCGAAACCCGACAGGACTATAAAGATACCAGGCGTTTCCCCCTGGAAGCTCCCTCGTGCGCTCTCCTGTTCCGACCCTGCCGCTTACCGGATACCTGTCCGCCTTTCTCCCTTCGGGAAGCGTGGCGCTTTCTCATAGCTCACGCTGTAGGTATCTCAGTTCGGTGTAGGTCGTTCGCTCCAAGCTGGGCTGTGTGCACGAACCCCCCGTTCAGCCCGACCGCTGCGCCTTATCCGGTAACTATCGTCTTGAGTCCAACCCGGTAAGACACGACTTATCGCCACTGGCAGCAGCCACTGGTAACAGGATTAGCAGAGCGAGGTATGTAGGCGGTGCTACAGAGTTCTTGAAGTGGTGGCCTAACTACGGCTACACTAGAAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAAAAGAGTTGGTAGCTCTTGATCCGGCAAACAAACCACCGCTGGTAGCGGTGGTTTTTTTGTTTGCAAGCAGCAGATTACGCGCAGAAAAAAAGGATCTCAAGAAGATCCTTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAAACTCACGTTAAGGGATTTTGGTCATGAGATTATCAAAAAGGATCTTCACCTAGATCCTTTTAAATTAAAAATGAAGTTTTAAATCAATCTAAAGTATATATGAGTAAACTTGGTCTGACAGTTACCAATGCTTAATCAGTGAGGCACCTATCTCAGCGATCTGTCTATTTCGTTCATCCATAGTTGCCTGACTCCCCGTCGTGTAGATAACTACGATACGGGAGGGCTTACCATCTGGCCCCAGTGCTGCAATGATACCGCGAGACCCACGCTCACCGGCTCCAGATTTATCAGCAATAAACCAGCCAGCCGGAAGGGCCGAGCGCAGAAGTGGTCCTGCAACTTTATCCGCCTCCATCCAGTCTATTAATTGTTGCCGGGAAGCTAGAGTAAGTAGTTCGCCAGTTAATAGTTTGCGCAACGTTGTTGCCATTGCTGCAGGCATCGTGGTGTCACGCTCGTCGTTTGGTATGGCTTCATTCAGCTCCGGTTCCCAACGATCAAGGCGAGTTACATGATCCCCCATGTTGTGCAAAAAAGCGGTTAGCTCCTTCGGTCCTCCGATCGTTGTCAGAAGTAAGTTGGCCGCAGTGTTATCACTCATGGTTATGGCAGCACTGCATAATTCTCTTACTGTCATGCCATCCGTAAGATGCTTTTCTGTGACTGGTGAGTACTCAACCAAGTCATTCTGAGAATAGTGTATGCGGCGACCGAGTTGCTCTTGCCCGGCGTCAACACGGGATAATACCGCGCCACATAGCAGAACTTTAAAAGTGCTCATCATTGGAAAACGTTCTTCGGGGCGAAAACTCTCAAGGATCTTACCGCTGTTGAGATCCAGTTCGATGTAACCCACTCGTGCACCCAACTGATCTTCAGCATCTTTTACTTTCACCAGCGTTTCTGGGTGAGCAAAAACAGGAAGGCAAAATGCCGCAAAAAAGGGAATAAGGGCGACACGGAAATGTTGAATACTCATACTCTTCCTTTTTCAATATTATTGAAGCATTTATCAGGGTTATTGTCTCATGAGCGGATACATATTTGAATGTATTTAGAAAAATAAACAAATAGGGGTTCCGCGCACATTTCCCCGAAAAGTGCCACCTGACGTCTAAGAAACCATTATTATCATGACATTAACCTATAAAAATAGGCGTATCACGAGGCCCTTTCGTCTTCAAGaatt



**Single Cutters of pMOLuc vector:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Enzyme** | **Specificity** | **Sites &flanks** | **Cut positions**(blunt - 5' ext. - 3' ext.) |
|  1  |  [Acc65I](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Acc65I)  | pixGcut5smGTACcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=Acc65I) | [\*267/271](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Acc65I&recpos=266)  |
|  2  |  [AflII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AflII)  | pixCcut5smTTAAcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=AflII) | [430/434](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AflII&recpos=429)  |
|  3  |  [AgeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AgeI)  | pixAcut5smCCGGcut3smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=AgeI) | [\*270/274](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AgeI&recpos=269)  |
|  4  |  [AhdI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AhdI)  | pixGACNNcut3smNcut5smNNGTCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=AhdI) | [2231/2230](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AhdI&recpos=2225)  |
|  5  |  [ApaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=ApaI)  | pixGcut3smGGCCcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=ApaI) | [\*171/167](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=ApaI&recpos=166)  |
|  6  |  [AvrII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AvrII)  | pixCcut5smCTAGcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=AvrII) | [319/323](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AvrII&recpos=318)  |
|  7  |  [BamHI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BamHI)  | pixGcut5smGATCcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BamHI) | [180/184](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BamHI&recpos=179)  |
|  8  |  [BbsI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BbsI)  | pixGAAGACNNcut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BbsI) | [3209/3213](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BbsI&recpos=3215)  |
|  9  |  [BclI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BclI)  | pixTcut5smGATCcut3smApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BclI) | [#194/198](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BclI&recpos=193)  |
|  10  |  [BfuAI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BfuAI)  | pixACCTGCNNNNcut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BfuAI) | [137/141](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BfuAI&recpos=127)  |
|  11  |  [BglII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BglII)  | pixAcut5smGATCcut3smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BglII) | [207/211](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BglII&recpos=206)  |
|  12  |  [BmgBI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BmgBI)  | pixCACcut53smGTCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BmgBI) | [\*102](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BmgBI&recpos=99)  |
|  13  |  [BmtI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BmtI)  | pixGcut3smCTAGcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BmtI) | [253/249](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BmtI&recpos=248)  |
|  14  |  [BsaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsaI)  | pixGGTCTCNcut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsaI) | [2292/2296](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsaI&recpos=2297)  |
|  15  |  [BsaXI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsaXI)  | pixcut3smNNNcut5sm(N)9AC(N)5CTCC(N)7cut3smNNNcut5smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsaXI) | [284/281+314/311](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsaXI&recpos=293)  |
|  16  |  [BseYI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BseYI)  | pixCcut5smCCAGcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BseYI) | [1642/1646](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BseYI&recpos=1641)  |
|  17  |  [BsgI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsgI)  | pixGTGCAG(N)14cut3smNNcut5smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsgI) | [115/113](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsgI&recpos=129)  |
|  18  |  [BsiWI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsiWI)  | pixCcut5smGTACcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsiWI) | [\*365/369](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsiWI&recpos=364)  |
|  19  |  [BsmBI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsmBI)  | pixCGTCTCNcut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsmBI) | [\*981/985](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsmBI&recpos=986)  |
|  20  |  [BsmI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsmI)  | pixGAATGcut3smCNcut5smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsmI) | [115/113](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsmI&recpos=108)  |
|  21  |  [BspEI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspEI)  | pixTcut5smCCGGcut3smApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BspEI) | [\*302/306](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspEI&recpos=301)  |
|  22  |  [BspMI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspMI)  | pixACCTGCNNNNcut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BspMI) | [137/141](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspMI&recpos=127)  |
|  23  |  [BspQI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspQI)  | pixGCTCTTCNcut5smNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BspQI) | [1222/1225](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BspQI&recpos=1214)  |
|  24  |  [BsrGI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsrGI)  | pixTcut5smGTACcut3smApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BsrGI) | [386/390](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BsrGI&recpos=385)  |
|  25  |  [BssHII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BssHII)  | pixGcut5smCGCGcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BssHII) | [\*213/217](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BssHII&recpos=212)  |
|  26  |  [BstAPI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstAPI)  | pixGCANcut3smNNNcut5smNTGCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BstAPI) | [1162/1159](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstAPI&recpos=1155)  |
|  27  |  [BstBI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstBI)  | pixTTcut5smCGcut3smAApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BstBI) | [\*117/119](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstBI&recpos=115)  |
|  28  |  [BstEII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstEII)  | pixGcut5smGTNACcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BstEII) | [94/99](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstEII&recpos=93)  |
|  29  |  [Bsu36I](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Bsu36I)  | pixCCcut5smTNAcut3smGGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=Bsu36I) | [149/152](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Bsu36I&recpos=147)  |
|  30  |  [BtgZI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BtgZI)  | pixGCGATG(N)10cut5smNNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=BtgZI) | [\*524/528](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BtgZI&recpos=538)  |
|  31  |  [DraIII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=DraIII)  | pixCACcut3smNNNcut5smGTGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=DraIII) | [\*105/102](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=DraIII&recpos=99)  |
|  32  |  [EagI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EagI)  | pixCcut5smGGCCcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=EagI) | [\*335/339](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EagI&recpos=334)  |
|  33  |  [Eco53kI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Eco53kI)  | pixGAGcut53smCTCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=Eco53kI) | [394](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Eco53kI&recpos=391)  |
|  34  |  [EcoRI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EcoRI)  | pixGcut5smAATTcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=EcoRI) | [\*119/123](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EcoRI&recpos=118)  |
|  35  |  [EcoRV](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EcoRV)  | pixGATcut53smATCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=EcoRV) | [225](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EcoRV&recpos=222)  |
|  36  |  [HindIII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=HindIII)  | pixAcut5smAGCTcut3smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=HindIII) | [433/437](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=HindIII&recpos=432)  |
|  37  |  [HpaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=HpaI)  | pixGTTcut53smAACpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=HpaI) | [279](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=HpaI&recpos=276)  |
|  38  |  [KasI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=KasI)  | pixGcut5smGCGCcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=KasI) | [\*350/354](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=KasI&recpos=349)  |
|  39  |  [KpnI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=KpnI)  | pixGcut3smGTACcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=KpnI) | [271/267](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=KpnI&recpos=266)  |
|  40  |  [MfeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MfeI)  | pixCcut5smAATTcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=MfeI) | [185/189](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MfeI&recpos=184)  |
|  41  |  [MluI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MluI)  | pixAcut5smCGCGcut3smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=MluI) | [\*362/366](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MluI&recpos=361)  |
|  42  |  [MscI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MscI)  | pixTGGcut53smCCApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=MscI) | [412](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=MscI&recpos=409)  |
|  43  |  [NaeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NaeI)  | pixGCCcut53smGGCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NaeI) | [\*289](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NaeI&recpos=286)  |
|  44  |  [NarI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NarI)  | pixGGcut5smCGcut3smCCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NarI) | [\*351/353](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NarI&recpos=349)  |
|  45  |  [NcoI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NcoI)  | pixCcut5smCATGcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NcoI) | [86/90](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NcoI&recpos=85)  |
|  46  |  [NgoMIV](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NgoMIV)  | pixGcut5smCCGGcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NgoMIV) | [\*287/291](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NgoMIV&recpos=286)  |
|  47  |  [NheI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NheI)  | pixGcut5smCTAGcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NheI) | [249/253](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NheI&recpos=248)  |
|  48  |  [NmeAIII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NmeAIII)  | pixGCCGAG(N)19cut3smNNcut5smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NmeAIII) | [2380/2378](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NmeAIII&recpos=2353)  |
|  49  |  [NotI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NotI)  | pixGCcut5smGGCCcut3smGCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NotI) | [\*335/339](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NotI&recpos=333)  |
|  50  |  [NruI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NruI)  | pixTCGcut53smCGApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NruI) | [\*373](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NruI&recpos=370)  |
|  51  |  [NsiI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NsiI)  | pixAcut3smTGCAcut5smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=NsiI) | [329/325](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=NsiI&recpos=324)  |
|  52  |  [PaeR7I](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PaeR7I)  | pixCcut5smTCGAcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PaeR7I) | [\*395/399](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PaeR7I&recpos=394)  |
|  53  |  [PflMI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PflMI)  | pixCCANcut3smNNNcut5smNTGGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PflMI) | [105/102](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PflMI&recpos=98)  |
|  54  |  [PluTI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PluTI)  | pixGcut3smGCGCcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PluTI) | [\*354/350](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PluTI&recpos=349)  |
|  55  |  [PmlI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PmlI)  | pixCACcut53smGTGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PmlI) | [\*416](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PmlI&recpos=413)  |
|  56  |  [PsiI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PsiI)  | pixTTAcut53smTAApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PsiI) | [160](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PsiI&recpos=157)  |
|  57  |  [PspOMI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PspOMI)  | pixGcut5smGGCCcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=PspOMI) | [\*167/171](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PspOMI&recpos=166)  |
|  58  |  [SacI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SacI)  | pixGcut3smAGCTcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SacI) | [396/392](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SacI&recpos=391)  |
|  59  |  [SacII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SacII)  | pixCCcut3smGCcut5smGGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SacII) | [\*380/378](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SacII&recpos=376)  |
|  60  |  [SalI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SalI)  | pixGcut5smTCGAcut3smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SalI) | [\*143/147](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SalI&recpos=142)  |
|  61  |  [SapI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SapI)  | pixGCTCTTCNcut5smNNNcut3smpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SapI) | [1222/1225](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SapI&recpos=1214)  |
|  62  |  [SfiI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SfiI)  | pixGGCCNcut3smNNNcut5smNGGCCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SfiI) | [418/415](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SfiI&recpos=410)  |
|  63  |  [SfoI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SfoI)  | pixGGCcut53smGCCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SfoI) | [\*352](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SfoI&recpos=349)  |
|  64  |  [SmaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SmaI)  | pixCCCcut53smGGGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SmaI) | [\*166](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SmaI&recpos=163)  |
|  65  |  [SnaBI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SnaBI)  | pixTACcut53smGTApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SnaBI) | [\*295](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SnaBI&recpos=292)  |
|  66  |  [SpeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SpeI)  | pixAcut5smCTAGcut3smTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SpeI) | [405/409](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SpeI&recpos=404)  |
|  67  |  [SphI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SphI)  | pixGcut3smCATGcut5smCpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=SphI) | [249/245](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SphI&recpos=244)  |
|  68  |  [StuI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=StuI)  | pixAGGcut53smCCTpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=StuI) | [318](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=StuI&recpos=315)  |
|  69  |  [TspMI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=TspMI)  | pixCcut5smCCGGcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=TspMI) | [\*164/168](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=TspMI&recpos=163)  |
|  70  |  [XbaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XbaI)  | pixTcut5smCTAGcut3smApix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=XbaI) | [261/265](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XbaI&recpos=260)  |
|  71  |  [XhoI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XhoI)  | pixCcut5smTCGAcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=XhoI) | [\*395/399](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XhoI&recpos=394)  |
|  72  |  [XmaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XmaI)  | pixCcut5smCCGGcut3smGpix | [list](http://nc2.neb.com/NEBcutter2/listbycuts.php?name=d3b776df-&enzname=XmaI) | [\*164/168](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XmaI&recpos=163)  |

**0 Cutters of pMOLuc vector:**

|  |  |  |
| --- | --- | --- |
| **#** | **Enzyme** | **Specificity** |
|  1  |  [AleI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AleI)  | pixCACNNcut53smNNGTGpix |
|  2  |  [AscI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AscI)  | pixGGcut5smCGCGcut3smCCpix |
|  3  |  [AsiSI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=AsiSI)  | pixGCGcut3smATcut5smCGCpix |
|  4  |  [BaeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BaeI)  | pixcut3sm(N)5cut5sm(N)10ACNNNNGTAYC(N)7cut3sm(N)5cut5smpix |
|  5  |  [BbvCI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BbvCI)  | pixCCcut5smTCAcut3smGCpix |
|  6  |  [BlpI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BlpI)  | pixGCcut5smTNAcut3smGCpix |
|  7  |  [Bpu10I](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=Bpu10I)  | pixCCcut5smTNAcut3smGCpix |
|  8  |  [BseRI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BseRI)  | pixGAGGAG(N)8cut3smNNcut5smpix |
|  9  |  [BstXI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=BstXI)  | pixCCANcut3smNNNNcut5smNTGGpix |
|  10  |  [CspCI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=CspCI)  | pixcut3smNNcut5sm(N)11CAA(N)5GTGG(N)10cut3smNNcut5smpix |
|  11  |  [EcoNI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=EcoNI)  | pixCCTNNcut5smNcut3smNNAGGpix |
|  12  |  [FseI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=FseI)  | pixGGcut3smCCGGcut5smCCpix |
|  13  |  [PacI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PacI)  | pixTTAcut3smATcut5smTAApix |
|  14  |  [PmeI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PmeI)  | pixGTTTcut53smAAACpix |
|  15  |  [PpuMI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PpuMI)  | pixRGcut5smGWCcut3smCYpix |
|  16  |  [PshAI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PshAI)  | pixGACNNcut53smNNGTCpix |
|  17  |  [PspXI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=PspXI)  | pixVCcut5smTCGAcut3smGBpix |
|  18  |  [RsrII](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=RsrII)  | pixCGcut5smGWCcut3smCGpix |
|  19  |  [SbfI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SbfI)  | pixCCcut3smTGCAcut5smGGpix |
|  20  |  [SexAI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SexAI)  | pixAcut5smCCWGGcut3smTpix |
|  21  |  [SgrAI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SgrAI)  | pixCRcut5smCCGGcut3smYGpix |
|  22  |  [SrfI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SrfI)  | pixGCCCcut53smGGGCpix |
|  23  |  [SwaI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=SwaI)  | pixATTTcut53smAAATpix |
|  24  |  [XcmI](http://nc2.neb.com/NEBcutter2/enz.php?name=d3b776df-&enzname=XcmI)  | pixCCANNNNcut3smNcut5smNNNNTGGpix |

**All Sites in pMOLuc vector:**

Cut pos. MS Enzyme Recognition sequence

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 5 MspJI CNNR(N)9^NNNN\_

 8 \* MspJI CNNR(N)9^NNNN\_

 8 CviKI-1 RG|CY

 8 AluI AG|CT

 15 FatI ^CATG\_

 16 CviAII C^AT\_G

 19 NlaIII \_CATG^

 28 MspJI CNNR(N)9^NNNN\_

 28 FspEI CC(N)12^NNNN\_

 30 CviKI-1 RG|CY

 30 AluI AG|CT

 32 TaqI T^CG\_A

 35 MluCI ^AATT\_

 36 FspEI CC(N)12^NNNN\_

 37 FspEI CC(N)12^NNNN\_

 38 MspJI CNNR(N)9^NNNN\_

 38 MseI T^TA\_A

 39 MspJI CNNR(N)9^NNNN\_

 39 FspEI CC(N)12^NNNN\_

 43 \* MspJI CNNR(N)9^NNNN\_

 45 \* MspJI CNNR(N)9^NNNN\_

 49 FspEI CC(N)12^NNNN\_

 49 LpnPI CCDG(N)10^NNNN\_

 53 MnlI CCTC(N)6\_N^

 54 \* MspJI CNNR(N)9^NNNN\_

 55 FspEI CC(N)12^NNNN\_

 56 MspJI CNNR(N)9^NNNN\_

 56 FspEI CC(N)12^NNNN\_

 56 FspEI CC(N)12^NNNN\_

 60 MspJI CNNR(N)9^NNNN\_

 61 FspEI CC(N)12^NNNN\_

 61 LpnPI CCDG(N)10^NNNN\_

 63 CviKI-1 RG|CY

 63 AluI AG|CT

 64 MnlI CCTC(N)6\_N^

 65 FspEI CC(N)12^NNNN\_

 65 LpnPI CCDG(N)10^NNNN\_

 67 CviQI G^TA\_C

 68 \* RsaI GT|AC

 70 MspJI CNNR(N)9^NNNN\_

 73 FspEI CC(N)12^NNNN\_

 76 MspJI CNNR(N)9^NNNN\_

 77 FspEI CC(N)12^NNNN\_

 77 LpnPI CCDG(N)10^NNNN\_

 79 CviKI-1 RG|CY

 82 \* MspJI CNNR(N)9^NNNN\_

 84 NlaIV GGN|NCC

 85 CviKI-1 RG|CY

 86 FatI ^CATG\_

 86 BsaJI C^CNNG\_G

 86 BtgI C^CRYG\_G

 86 StyI C^CWWG\_G

 86 NcoI C^CATG\_G

 87 CviAII C^AT\_G

 88 MspJI CNNR(N)9^NNNN\_

 90 NlaIII \_CATG^

 91 FspEI CC(N)12^NNNN\_

 91 CviKI-1 RG|CY

 92 MspJI CNNR(N)9^NNNN\_

 94 Tsp45I ^GTSAC\_

 94 BstEII G^GTNAC\_C

 99 MspJI CNNR(N)9^NNNN\_

 99 FspEI CC(N)12^NNNN\_

 100 PflFI GACN^N\_NGTC

 100 Tth111I GACN^N\_NGTC

 101 \* HpyCH4IV A^CG\_T

 101 BpmI CTGGAG(N)14\_NN^

 102 \* MspJI CNNR(N)9^NNNN\_

 102 \* BmgBI CAC|GTC

 104 MspJI CNNR(N)9^NNNN\_

 105 BslI CCNN\_NNN^NNGG

 105 \* DraIII CAC\_NNN^GTG

 105 PflMI CCAN\_NNN^NTGG

 106 HphI GGTGA(N)7\_N^

 106 \* Hpy99I \_CGWCG^

 109 MspJI CNNR(N)9^NNNN\_

 112 \* MspJI CNNR(N)9^NNNN\_

 112 FspEI CC(N)12^NNNN\_

 113 XmnI GAANN|NNTTC

 115 BsgI GTGCAG(N)14\_NN^

 115 BsmI GAATG\_CN^

 117 \* MspJI CNNR(N)9^NNNN\_

 117 TaqI T^CG\_A

 117 \* BstBI TT^CG\_AA

 119 MluCI ^AATT\_

 119 ApoI R^AATT\_Y

 119 \* EcoRI G^AATT\_C

 121 FspEI CC(N)12^NNNN\_

 122 FspEI CC(N)12^NNNN\_

 123 MspJI CNNR(N)9^NNNN\_

 124 \* HpyAV CCTTC(N)5\_N^

 127 FspEI CC(N)12^NNNN\_

 129 AlwNI CAG\_NNN^CTG

 130 \* MspJI CNNR(N)9^NNNN\_

 132 HpyCH4V TG|CA

 134 FatI ^CATG\_

 135 CviAII C^AT\_G

 135 BslI CCNN\_NNN^NNGG

 136 MspJI CNNR(N)9^NNNN\_

 136 FspEI CC(N)12^NNNN\_

 137 BfuAI ACCTGCNNNN^NNNN\_

 137 BspMI ACCTGCNNNN^NNNN\_

 138 NlaIII \_CATG^

 141 MspJI CNNR(N)9^NNNN\_

 141 \* HpyCH4IV A^CG\_T

 141 BspCNI CTCAG(N)7\_NN^

 141 \* BsaHI GR^CG\_YC

 142 FspEI CC(N)12^NNNN\_

 142 LpnPI CCDG(N)10^NNNN\_

 142 \* ZraI GAC|GTC

 143 \* SalI G^TCGA\_C

 144 MnlI CCTC(N)6\_N^

 144 TaqI T^CG\_A

 144 \* AccI GT^MK\_AC

 144 \* AatII G\_ACGT^C

 145 MspJI CNNR(N)9^NNNN\_

 145 \* Hpy166II GTN|NAC

 145 \* HincII GTY|RAC

 146 \* Hpy99I \_CGWCG^

 147 MspJI CNNR(N)9^NNNN\_

 149 DdeI C^TNA\_G

 149 Bsu36I CC^TNA\_GG

 150 \* FspEI CC(N)12^NNNN\_

 151 FspEI CC(N)12^NNNN\_

 152 \* BsmFI GGGAC(N)10^NNNN\_

 155 MluCI ^AATT\_

 160 MspJI CNNR(N)9^NNNN\_

 160 PsiI TTA|TAA

 161 MspJI CNNR(N)9^NNNN\_

 161 FspEI CC(N)12^NNNN\_

 161 LpnPI CCDG(N)10^NNNN\_

 163 MspJI CNNR(N)9^NNNN\_

 163 FspEI CC(N)12^NNNN\_

 163 \* StyD4I ^CCNGG\_

 164 \* StyD4I ^CCNGG\_

 164 BsaJI C^CNNG\_G

 164 \* AvaI C^YCGR\_G

 164 BsoBI C^YCGR\_G

 164 \* TspMI C^CCGG\_G

 164 \* XmaI C^CCGG\_G

 165 \* HpaII C^CG\_G

 165 \* MspI C^CG\_G

 165 \* ScrFI CC^N\_GG

 165 \* NciI CC^S\_GG

 166 \* ScrFI CC^N\_GG

 166 \* NciI CC^S\_GG

 166 \* SmaI CCC|GGG

 167 \* Sau96I G^GNC\_C

 167 \* PspOMI G^GGCC\_C

 168 Sau96I G^GNC\_C

 168 EcoO109I RG^GNC\_CY

 169 CviKI-1 RG|CY

 169 HaeIII GG|CC

 169 \* NlaIV GGN|NCC

 171 Bsp1286I G\_DGCH^C

 171 BaeGI G\_KGCM^C

 171 BanII G\_RGCY^C

 171 \* ApaI G\_GGCC^C

 175 # AlwI GGATCNNNN^N\_

 176 \* MspJI CNNR(N)9^NNNN\_

 177 MspJI CNNR(N)9^NNNN\_

 177 FspEI CC(N)12^NNNN\_

 177 BslI CCNN\_NNN^NNGG

 178 \* MspJI CNNR(N)9^NNNN\_

 178 \* FspEI CC(N)12^NNNN\_

 178 \* LpnPI CCDG(N)10^NNNN\_

 180 BfuCI ^GATC\_

 180 # DpnII ^GATC\_

 180 # MboI ^GATC\_

 180 Sau3AI ^GATC\_

 180 BstYI R^GATC\_Y

 180 BamHI G^GATC\_C

 182 DpnI GA|TC

 182 NlaIV GGN|NCC

 183 MspJI CNNR(N)9^NNNN\_

 183 FspEI CC(N)12^NNNN\_

 184 FspEI CC(N)12^NNNN\_

 185 MluCI ^AATT\_

 185 MfeI C^AATT\_G

 188 # AlwI GGATCNNNN^N\_

 190 HpyCH4V TG|CA

 194 BfuCI ^GATC\_

 194 # DpnII ^GATC\_

 194 # MboI ^GATC\_

 194 Sau3AI ^GATC\_

 194 # BclI T^GATC\_A

 196 MspJI CNNR(N)9^NNNN\_

 196 # MspJI CNNR(N)9^NNNN\_

 196 DpnI GA|TC

 197 FspEI CC(N)12^NNNN\_

 197 BsrDI GCAATG\_NN^

 198 \* MspJI CNNR(N)9^NNNN\_

 200 FatI ^CATG\_

 200 BspHI T^CATG\_A

 201 CviAII C^AT\_G

 201 Hpy188III TC^NN\_GA

 204 NlaIII \_CATG^

 207 BfuCI ^GATC\_

 207 # DpnII ^GATC\_

 207 # MboI ^GATC\_

 207 Sau3AI ^GATC\_

 207 BstYI R^GATC\_Y

 207 BglII A^GATC\_T

 209 DpnI GA|TC

 213 MspJI CNNR(N)9^NNNN\_

 213 MspJI CNNR(N)9^NNNN\_

 213 \* HinP1I G^CG\_C

 213 \* BssHII G^CGCG\_C

 215 \* HhaI G\_CG^C

 215 \* HinP1I G^CG\_C

 215 \* Cac8I GCN|NGC

 215 \* BstUI CG|CG

 217 \* HhaI G\_CG^C

 217 \* BstUI CG|CG

 218 # MspJI CNNR(N)9^NNNN\_

 218 \* BfuCI ^GATC\_

 218 # DpnII ^GATC\_

 218 \*# MboI ^GATC\_

 218 \* Sau3AI ^GATC\_

 220 \* DpnI GA|TC

 221 # TaqI T^CG\_A

 221 \* BsiEI CG\_RY^CG

 221 \*# BspDI AT^CG\_AT

 221 \*# ClaI AT^CG\_AT

 221 \* PvuI CG\_AT^CG

 223 \*# BsaBI GATNN|NNATC

 225 EcoRV GAT|ATC

 226 \* MspJI CNNR(N)9^NNNN\_

 226 MspJI CNNR(N)9^NNNN\_

 228 \* MspJI CNNR(N)9^NNNN\_

 228 \* MspJI CNNR(N)9^NNNN\_

 230 \* HinP1I G^CG\_C

 231 \* AfeI AGC|GCT

 232 \* HhaI G\_CG^C

 233 \* HaeII R\_GCGC^Y

 235 MseI T^TA\_A

 236 DraI TTT|AAA

 237 MluCI ^AATT\_

 237 ApoI R^AATT\_Y

 243 \* HinP1I G^CG\_C

 244 \* FspI TGC|GCA

 245 FatI ^CATG\_

 245 \* HhaI G\_CG^C

 246 CviAII C^AT\_G

 247 \* Cac8I GCN|NGC

 249 NlaIII \_CATG^

 249 NspI R\_CATG^Y

 249 NheI G^CTAG\_C

 249 SphI G\_CATG^C

 250 FspEI CC(N)12^NNNN\_

 250 BfaI C^TA\_G

 251 Cac8I GCN|NGC

 253 CviKI-1 RG|CY

 253 AluI AG|CT

 253 BmtI G\_CTAG^C

 254 SfcI C^TRYA\_G

 256 \* MspJI CNNR(N)9^NNNN\_

 256 \* FspEI CC(N)12^NNNN\_

 258 MspJI CNNR(N)9^NNNN\_

 258 MnlI CCTC(N)6\_N^

 261 XbaI T^CTAG\_A

 262 MspJI CNNR(N)9^NNNN\_

 262 Hpy188III TC^NN\_GA

 262 BfaI C^TA\_G

 267 \* BanI G^GYRC\_C

 267 \* Acc65I G^GTAC\_C

 268 CviQI G^TA\_C

 269 \* NlaIV GGN|NCC

 269 RsaI GT|AC

 270 MspJI CNNR(N)9^NNNN\_

 270 BsaWI W^CCGG\_W

 270 \* BsrFI R^CCGG\_Y

 270 \* AgeI A^CCGG\_T

 271 \* HpaII C^CG\_G

 271 \* MspI C^CG\_G

 271 KpnI G\_GTAC^C

 273 \* FspEI CC(N)12^NNNN\_

 274 MspJI CNNR(N)9^NNNN\_

 278 MseI T^TA\_A

 279 \* MspJI CNNR(N)9^NNNN\_

 279 \* Hpy166II GTN|NAC

 279 \* HincII GTY|RAC

 279 HpaI GTT|AAC

 281 \* HpyCH4IV A^CG\_T

 281 \* AclI AA^CG\_TT

 283 MspJI CNNR(N)9^NNNN\_

 284 \* FspEI CC(N)12^NNNN\_

 284 \* LpnPI CCDG(N)10^NNNN\_

 284 BsaXI \_NNN^(N)9AC(N)5CTCC(N)7\_NNN^

 287 CviKI-1 RG|CY

 287 \* BsrFI R^CCGG\_Y

 287 \* NgoMIV G^CCGG\_C

 288 \* MspJI CNNR(N)9^NNNN\_

 288 \* FspEI CC(N)12^NNNN\_

 288 \* HpaII C^CG\_G

 288 \* MspI C^CG\_G

 289 \* Cac8I GCN|NGC

 289 \* NaeI GCC|GGC

 291 CviKI-1 RG|CY

 294 \* HpyCH4IV A^CG\_T

 295 \* BsaAI YAC|GTR

 295 \* SnaBI TAC|GTA

 297 \* AccI GT^MK\_AC

 298 \* Hpy166II GTN|NAC

 298 \* BstZ17I GTA|TAC

 300 MspJI CNNR(N)9^NNNN\_

 300 FspEI CC(N)12^NNNN\_

 301 MspJI CNNR(N)9^NNNN\_

 301 \* FspEI CC(N)12^NNNN\_

 301 \* LpnPI CCDG(N)10^NNNN\_

 302 BsaWI W^CCGG\_W

 302 \* BspEI T^CCGG\_A

 303 Hpy188III TC^NN\_GA

 303 \* HpaII C^CG\_G

 303 \* MspI C^CG\_G

 306 FspEI CC(N)12^NNNN\_

 307 \* MspJI CNNR(N)9^NNNN\_

 307 MspJI CNNR(N)9^NNNN\_

 309 SspI AAT|ATT

 311 MseI T^TA\_A

 311 AseI AT^TA\_AT

 314 SfaNI GCATC(N)5^NNNN\_

 315 MspJI CNNR(N)9^NNNN\_

 316 \* MspJI CNNR(N)9^NNNN\_

 316 MspJI CNNR(N)9^NNNN\_

 316 \* FspEI CC(N)12^NNNN\_

 316 FspEI CC(N)12^NNNN\_

 316 \* LpnPI CCDG(N)10^NNNN\_

 318 CviKI-1 RG|CY

 318 HaeIII GG|CC

 318 StuI AGG|CCT

 319 \* FspEI CC(N)12^NNNN\_

 319 BsaJI C^CNNG\_G

 319 StyI C^CWWG\_G

 319 AvrII C^CTAG\_G

 320 BfaI C^TA\_G

 324 MwoI GCNN\_NNN^NNGC

 327 HpyCH4V TG|CA

 329 BtsCI GGATG\_NN^

 329 NdeI CA^TA\_TG

 329 NsiI A\_TGCA^T

 331 MspJI CNNR(N)9^NNNN\_

 332 MspJI CNNR(N)9^NNNN\_

 332 FspEI CC(N)12^NNNN\_

 333 FspEI CC(N)12^NNNN\_

 333 LpnPI CCDG(N)10^NNNN\_

 334 \* AciI C^CG\_C

 335 \* Fnu4HI GC^N\_GC

 335 \* EaeI Y^GGCC\_R

 335 \* EagI C^GGCC\_G

 335 \* NotI GC^GGCC\_GC

 336 FokI GGATG(N)9^NNNN\_

 337 CviKI-1 RG|CY

 337 \* HaeIII GG|CC

 338 \* AciI C^CG\_C

 338 \* Fnu4HI GC^N\_GC

 338 \* BsiEI CG\_RY^CG

 340 MspJI CNNR(N)9^NNNN\_

 342 \* Cac8I GCN|NGC

 342 SfcI C^TRYA\_G

 344 HpyCH4V TG|CA

 344 ApeKI G^CWG\_C

 344 TseI G^CWG\_C

 345 Fnu4HI GC^N\_GC

 346 PstI C\_TGCA^G

 347 \* MspJI CNNR(N)9^NNNN\_

 347 CviKI-1 RG|CY

 347 AluI AG|CT

 347 BslI CCNN\_NNN^NNGG

 347 MspA1I CMG|CKG

 347 PvuII CAG|CTG

 349 \* Cac8I GCN|NGC

 350 MwoI GCNN\_NNN^NNGC

 350 BanI G^GYRC\_C

 350 \* KasI G^GCGC\_C

 351 \* FspEI CC(N)12^NNNN\_

 351 \* HinP1I G^CG\_C

 351 \* BsaHI GR^CG\_YC

 351 \* NarI GG^CG\_CC

 352 NlaIV GGN|NCC

 352 \* SfoI GGC|GCC

 353 MspJI CNNR(N)9^NNNN\_

 353 \* MspJI CNNR(N)9^NNNN\_

 353 \* HhaI G\_CG^C

 354 FspEI CC(N)12^NNNN\_

 354 LpnPI CCDG(N)10^NNNN\_

 354 \* HaeII R\_GCGC^Y

 354 \* PluTI G\_GCGC^C

 356 BbvI GCAGC(N)8^NNNN\_

 357 TaqI T^CG\_A

 357 \* BspDI AT^CG\_AT

 357 \* ClaI AT^CG\_AT

 360 MspJI CNNR(N)9^NNNN\_

 362 BccI CCATCNNNN^N\_

 362 AflIII A^CRYG\_T

 362 \* MluI A^CGCG\_T

 364 \* FspEI CC(N)12^NNNN\_

 364 \* BstUI CG|CG

 365 \* BsiWI C^GTAC\_G

 366 CviQI G^TA\_C

 367 FspEI CC(N)12^NNNN\_

 367 \* RsaI GT|AC

 368 \* HpyCH4IV A^CG\_T

 370 \* MwoI GCNN\_NNN^NNGC

 372 \* Hpy188III TC^NN\_GA

 373 \* BstUI CG|CG

 373 \* Hpy99I \_CGWCG^

 373 \* NruI TCG|CGA

 375 \* MspJI CNNR(N)9^NNNN\_

 377 \* MspJI CNNR(N)9^NNNN\_

 377 \* AciI C^CG\_C

 377 \* BsiEI CG\_RY^CG

 377 BsaJI C^CNNG\_G

 377 BtgI C^CRYG\_G

 379 \* AciI C^CG\_C

 379 \* BstUI CG|CG

 379 \* MspA1I CMG|CKG

 380 \* SacII CC\_GC^GG

 383 FatI ^CATG\_

 383 AflIII A^CRYG\_T

 383 PciI A^CATG\_T

 384 \* MspJI CNNR(N)9^NNNN\_

 384 CviAII C^AT\_G

 386 BsrGI T^GTAC\_A

 387 NlaIII \_CATG^

 387 CviQI G^TA\_C

 387 NspI R\_CATG^Y

 388 RsaI GT|AC

 390 \* MspJI CNNR(N)9^NNNN\_

 390 \* FspEI CC(N)12^NNNN\_

 392 \* MspJI CNNR(N)9^NNNN\_

 394 FspEI CC(N)12^NNNN\_

 394 CviKI-1 RG|CY

 394 AluI AG|CT

 394 Eco53kI GAG|CTC

 395 SmlI C^TYRA\_G

 395 \* AvaI C^YCGR\_G

 395 BsoBI C^YCGR\_G

 395 \* PaeR7I C^TCGA\_G

 395 \* XhoI C^TCGA\_G

 396 MspJI CNNR(N)9^NNNN\_

 396 TaqI T^CG\_A

 396 Bsp1286I G\_DGCH^C

 396 BsiHKAI G\_WGCW^C

 396 BanII G\_RGCY^C

 396 SacI G\_AGCT^C

 397 \* Hpy188III TC^NN\_GA

 402 MspJI CNNR(N)9^NNNN\_

 402 FspEI CC(N)12^NNNN\_

 403 FspEI CC(N)12^NNNN\_

 403 CviQI G^TA\_C

 404 MspJI CNNR(N)9^NNNN\_

 404 RsaI GT|AC

 404 ScaI AGT|ACT

 405 SpeI A^CTAG\_T

 406 BfaI C^TA\_G

 406 \* BceAI ACGGC(N)12^NN\_

 407 \* MspJI CNNR(N)9^NNNN\_

 409 \* MspJI CNNR(N)9^NNNN\_

 410 EaeI Y^GGCC\_R

 412 CviKI-1 RG|CY

 412 HaeIII GG|CC

 412 MscI TGG|CCA

 415 \* HpyCH4IV A^CG\_T

 416 \* BsaAI YAC|GTR

 416 \* PmlI CAC|GTG

 418 MspJI CNNR(N)9^NNNN\_

 418 MspJI CNNR(N)9^NNNN\_

 418 MwoI GCNN\_NNN^NNGC

 418 BglI GCCN\_NNN^NGGC

 418 SfiI GGCCN\_NNN^NGGCC

 419 \* Sau96I G^GNC\_C

 421 CviKI-1 RG|CY

 421 HaeIII GG|CC

 424 \* ApaLI G^TGCA\_C

 426 \* MspJI CNNR(N)9^NNNN\_

 426 FspEI CC(N)12^NNNN\_

 426 HpyCH4V TG|CA

 426 \* Hpy166II GTN|NAC

 428 \* MspJI CNNR(N)9^NNNN\_

 428 Bsp1286I G\_DGCH^C

 428 BsiHKAI G\_WGCW^C

 428 BaeGI G\_KGCM^C

 430 \* FspEI CC(N)12^NNNN\_

 430 SmlI C^TYRA\_G

 430 AflII C^TTAA\_G

 431 MspJI CNNR(N)9^NNNN\_

 431 MseI T^TA\_A

 432 MwoI GCNN\_NNN^NNGC

 433 HindIII A^AGCT\_T

 435 \* MspJI CNNR(N)9^NNNN\_

 435 \* FspEI CC(N)12^NNNN\_

 435 CviKI-1 RG|CY

 435 AluI AG|CT

 437 Cac8I GCN|NGC

 442 MspJI CNNR(N)9^NNNN\_

 442 FspEI CC(N)12^NNNN\_

 447 Hpy188I TC\_N^GA

 448 MspJI CNNR(N)9^NNNN\_

 452 MspJI CNNR(N)9^NNNN\_

 453 MspJI CNNR(N)9^NNNN\_

 453 FspEI CC(N)12^NNNN\_

 454 \* MspJI CNNR(N)9^NNNN\_

 458 \* MspJI CNNR(N)9^NNNN\_

 461 FatI ^CATG\_

 462 \* MspJI CNNR(N)9^NNNN\_

 462 CviAII C^AT\_G

 465 NlaIII \_CATG^

 469 \* MspJI CNNR(N)9^NNNN\_

 474 MspJI CNNR(N)9^NNNN\_

 474 FspEI CC(N)12^NNNN\_

 476 CviKI-1 RG|CY

 476 AluI AG|CT

 480 MluCI ^AATT\_

 481 MspJI CNNR(N)9^NNNN\_

 484 MspJI CNNR(N)9^NNNN\_

 485 MspJI CNNR(N)9^NNNN\_

 485 FspEI CC(N)12^NNNN\_

 489 SfcI C^TRYA\_G

 491 MspJI CNNR(N)9^NNNN\_

 492 FspEI CC(N)12^NNNN\_

 496 \* HinfI G^ANT\_C

 499 FspEI CC(N)12^NNNN\_

 499 LpnPI CCDG(N)10^NNNN\_

 500 MspJI CNNR(N)9^NNNN\_

 500 FspEI CC(N)12^NNNN\_

 501 FspEI CC(N)12^NNNN\_

 502 \* BceAI ACGGC(N)12^NN\_

 504 PleI GAGTCNNNN^N\_

 505 MlyI GAGTC(N)5|

 507 MluCI ^AATT\_

 511 BtsIMutI CAGTG\_NN^

 512 \* MspJI CNNR(N)9^NNNN\_

 515 \* FspEI CC(N)12^NNNN\_

 515 \* EaeI Y^GGCC\_R

 517 CviKI-1 RG|CY

 517 HaeIII GG|CC

 518 BsrI ACTG\_GN^

 518 TspRI \_NNCASTGNN^

 521 # MspJI CNNR(N)9^NNNN\_

 523 \* Hpy99I \_CGWCG^

 523 EcoP15I CAGCAG(N)25^NN\_

 524 \* BtgZI GCGATG(N)10^NNNN\_

 526 MspJI CNNR(N)9^NNNN\_

 528 \* StyD4I ^CCNGG\_

 529 FspEI CC(N)12^NNNN\_

 529 LpnPI CCDG(N)10^NNNN\_

 530 \* HpaII C^CG\_G

 530 \* MspI C^CG\_G

 530 \* ScrFI CC^N\_GG

 530 \* NciI CC^S\_GG

 531 \* FspEI CC(N)12^NNNN\_

 532 BfuCI ^GATC\_

 532 # DpnII ^GATC\_

 532 # MboI ^GATC\_

 532 Sau3AI ^GATC\_

 532 BstYI R^GATC\_Y

 534 DpnI GA|TC

 537 BbvI GCAGC(N)8^NNNN\_

 537 SfaNI GCATC(N)5^NNNN\_

 537 \*# BsaBI GATNN|NNATC

 538 HpyCH4V TG|CA

 539 FspEI CC(N)12^NNNN\_

 539 LpnPI CCDG(N)10^NNNN\_

 540 # AlwI GGATCNNNN^N\_

 541 \* MspJI CNNR(N)9^NNNN\_

 542 MspJI CNNR(N)9^NNNN\_

 542 FspEI CC(N)12^NNNN\_

 543 \*# MspJI CNNR(N)9^NNNN\_

 543 \* FspEI CC(N)12^NNNN\_

 543 \* LpnPI CCDG(N)10^NNNN\_

 547 SfaNI GCATC(N)5^NNNN\_

 550 MspJI CNNR(N)9^NNNN\_

 550 FspEI CC(N)12^NNNN\_

 550 ApeKI G^CWG\_C

 550 TseI G^CWG\_C

 551 Fnu4HI GC^N\_GC

 552 BtsCI GGATG\_NN^

 554 \* MspJI CNNR(N)9^NNNN\_

 555 Cac8I GCN|NGC

 556 MspJI CNNR(N)9^NNNN\_

 557 CviKI-1 RG|CY

 559 FokI GGATG(N)9^NNNN\_

 565 MspJI CNNR(N)9^NNNN\_

 566 MspJI CNNR(N)9^NNNN\_

 574 MspJI CNNR(N)9^NNNN\_

 574 FspEI CC(N)12^NNNN\_

 575 FspEI CC(N)12^NNNN\_

 575 LpnPI CCDG(N)10^NNNN\_

 581 FspEI CC(N)12^NNNN\_

 581 LpnPI CCDG(N)10^NNNN\_

 585 MspJI CNNR(N)9^NNNN\_

 585 MseI T^TA\_A

 586 FspEI CC(N)12^NNNN\_

 593 \* HinP1I G^CG\_C

 594 \* AfeI AGC|GCT

 595 MspJI CNNR(N)9^NNNN\_

 595 \* HhaI G\_CG^C

 596 \* HaeII R\_GCGC^Y

 597 \* Cac8I GCN|NGC

 600 BspCNI CTCAG(N)7\_NN^

 601 \* MspJI CNNR(N)9^NNNN\_

 608 MspJI CNNR(N)9^NNNN\_

 608 MspJI CNNR(N)9^NNNN\_

 608 FspEI CC(N)12^NNNN\_

 608 LpnPI CCDG(N)10^NNNN\_

 608 DdeI C^TNA\_G

 611 \* BsmFI GGGAC(N)10^NNNN\_

 619 MspJI CNNR(N)9^NNNN\_

 619 FspEI CC(N)12^NNNN\_

 620 MspJI CNNR(N)9^NNNN\_

 620 FspEI CC(N)12^NNNN\_

 620 LpnPI CCDG(N)10^NNNN\_

 621 FokI GGATG(N)9^NNNN\_

 625 Sau96I G^GNC\_C

 625 AvaII G^GWC\_C

 627 \* NlaIV GGN|NCC

 629 \* AciI C^CG\_C

 632 \* AciI C^CG\_C

 632 \* Fnu4HI GC^N\_GC

 634 BtsCI GGATG\_NN^

 635 MspJI CNNR(N)9^NNNN\_

 636 \* FauI CCCGCNNNN^NN\_

 640 \* MspJI CNNR(N)9^NNNN\_

 641 FspEI CC(N)12^NNNN\_

 642 \* FspEI CC(N)12^NNNN\_

 643 \* AciI C^CG\_C

 643 SfaNI GCATC(N)5^NNNN\_

 645 \* MspJI CNNR(N)9^NNNN\_

 645 \* FspEI CC(N)12^NNNN\_

 646 BsrI ACTG\_GN^

 651 MspJI CNNR(N)9^NNNN\_

 651 FspEI CC(N)12^NNNN\_

 654 Hpy166II GTN|NAC

 656 \* FspEI CC(N)12^NNNN\_

 658 MspJI CNNR(N)9^NNNN\_

 659 FspEI CC(N)12^NNNN\_

 659 LpnPI CCDG(N)10^NNNN\_

 662 \* FspEI CC(N)12^NNNN\_

 663 FspEI CC(N)12^NNNN\_

 665 \* HpyCH4IV A^CG\_T

 665 \* AclI AA^CG\_TT

 668 MnlI CCTC(N)6\_N^

 670 FspEI CC(N)12^NNNN\_

 670 BsrI ACTG\_GN^

 671 MspJI CNNR(N)9^NNNN\_

 671 FspEI CC(N)12^NNNN\_

 673 MspJI CNNR(N)9^NNNN\_

 676 \* BslI CCNN\_NNN^NNGG

 676 \* StyD4I ^CCNGG\_

 677 \* HpaII C^CG\_G

 677 \* MspI C^CG\_G

 678 \* ScrFI CC^N\_GG

 678 \* NciI CC^S\_GG

 679 MspJI CNNR(N)9^NNNN\_

 681 FatI ^CATG\_

 682 MspJI CNNR(N)9^NNNN\_

 682 CviAII C^AT\_G

 683 FspEI CC(N)12^NNNN\_

 683 LpnPI CCDG(N)10^NNNN\_

 685 NlaIII \_CATG^

 685 NspI R\_CATG^Y

 689 MspJI CNNR(N)9^NNNN\_

 690 \* MspJI CNNR(N)9^NNNN\_

 690 \* FspEI CC(N)12^NNNN\_

 690 \* LpnPI CCDG(N)10^NNNN\_

 694 MspJI CNNR(N)9^NNNN\_

 695 MspJI CNNR(N)9^NNNN\_

 699 FokI GGATG(N)9^NNNN\_

 707 \* Hpy188III TC^NN\_GA

 712 \* MspJI CNNR(N)9^NNNN\_

 712 BtsCI GGATG\_NN^

 713 FspEI CC(N)12^NNNN\_

 714 \* MspJI CNNR(N)9^NNNN\_

 714 \* FspEI CC(N)12^NNNN\_

 715 \* FspEI CC(N)12^NNNN\_

 716 MspJI CNNR(N)9^NNNN\_

 719 \* MspJI CNNR(N)9^NNNN\_

 721 SfaNI GCATC(N)5^NNNN\_

 726 MnlI CCTC(N)6\_N^

 729 FspEI CC(N)12^NNNN\_

 733 \* MspJI CNNR(N)9^NNNN\_

 745 FatI ^CATG\_

 746 CviAII C^AT\_G

 749 NlaIII \_CATG^

 753 \* FspEI CC(N)12^NNNN\_

 755 FspEI CC(N)12^NNNN\_

 756 MspJI CNNR(N)9^NNNN\_

 756 FspEI CC(N)12^NNNN\_

 756 FspEI CC(N)12^NNNN\_

 757 FspEI CC(N)12^NNNN\_

 758 MspJI CNNR(N)9^NNNN\_

 758 FspEI CC(N)12^NNNN\_

 763 MspJI CNNR(N)9^NNNN\_

 764 MspJI CNNR(N)9^NNNN\_

 764 MnlI CCTC(N)6\_N^

 767 \* BslI CCNN\_NNN^NNGG

 772 FspEI CC(N)12^NNNN\_

 773 FspEI CC(N)12^NNNN\_

 774 FspEI CC(N)12^NNNN\_

 774 FspEI CC(N)12^NNNN\_

 774 LpnPI CCDG(N)10^NNNN\_

 775 MspJI CNNR(N)9^NNNN\_

 775 FspEI CC(N)12^NNNN\_

 779 \* MspJI CNNR(N)9^NNNN\_

 779 Tsp45I ^GTSAC\_

 781 \* MspJI CNNR(N)9^NNNN\_

 783 SfaNI GCATC(N)5^NNNN\_

 784 BtsIMutI CAGTG\_NN^

 784 TspRI \_NNCASTGNN^

 795 FspEI CC(N)12^NNNN\_

 796 MspJI CNNR(N)9^NNNN\_

 797 MspJI CNNR(N)9^NNNN\_

 797 FspEI CC(N)12^NNNN\_

 799 \* AciI C^CG\_C

 801 MspJI CNNR(N)9^NNNN\_

 805 MseI T^TA\_A

 808 FatI ^CATG\_

 809 MspJI CNNR(N)9^NNNN\_

 809 CviAII C^AT\_G

 809 BslI CCNN\_NNN^NNGG

 812 \* FspEI CC(N)12^NNNN\_

 812 NlaIII \_CATG^

 812 \* Sau96I G^GNC\_C

 813 CviKI-1 RG|CY

 813 HaeIII GG|CC

 815 FspEI CC(N)12^NNNN\_

 815 \* AciI C^CG\_C

 815 \* Cac8I GCN|NGC

 816 MspJI CNNR(N)9^NNNN\_

 816 FspEI CC(N)12^NNNN\_

 821 MspJI CNNR(N)9^NNNN\_

 822 \* FauI CCCGCNNNN^NN\_

 825 Hpy188I TC\_N^GA

 826 \* MspJI CNNR(N)9^NNNN\_

 827 FspEI CC(N)12^NNNN\_

 828 \* FspEI CC(N)12^NNNN\_

 829 CviKI-1 RG|CY

 831 MspJI CNNR(N)9^NNNN\_

 831 FspEI CC(N)12^NNNN\_

 831 LpnPI CCDG(N)10^NNNN\_

 836 MspJI CNNR(N)9^NNNN\_

 837 MseI T^TA\_A

 842 MspJI CNNR(N)9^NNNN\_

 843 MspJI CNNR(N)9^NNNN\_

 843 FspEI CC(N)12^NNNN\_

 843 LpnPI CCDG(N)10^NNNN\_

 846 Hpy188III TC^NN\_GA

 849 FspEI CC(N)12^NNNN\_

 849 LpnPI CCDG(N)10^NNNN\_

 855 \* FspEI CC(N)12^NNNN\_

 858 MspJI CNNR(N)9^NNNN\_

 863 CviKI-1 RG|CY

 863 AluI AG|CT

 864 FspEI CC(N)12^NNNN\_

 864 LpnPI CCDG(N)10^NNNN\_

 867 MspJI CNNR(N)9^NNNN\_

 867 BpmI CTGGAG(N)14\_NN^

 870 \* AciI C^CG\_C

 870 \* BstUI CG|CG

 872 \* MspJI CNNR(N)9^NNNN\_

 875 MspJI CNNR(N)9^NNNN\_

 876 MspJI CNNR(N)9^NNNN\_

 876 \* HgaI GACGC(N)5^(N)5\_

 877 MspJI CNNR(N)9^NNNN\_

 878 BtsCI GGATG\_NN^

 881 \* MspJI CNNR(N)9^NNNN\_

 883 \* MspJI CNNR(N)9^NNNN\_

 885 \* FokI GGATG(N)9^NNNN\_

 891 MspJI CNNR(N)9^NNNN\_

 894 \* HinfI G^ANT\_C

 894 TfiI G^AWT\_C

 895 MspJI CNNR(N)9^NNNN\_

 898 XmnI GAANN|NNTTC

 903 MspJI CNNR(N)9^NNNN\_

 903 \* Hpy188III TC^NN\_GA

 913 MslI CAYNN|NNRTG

 915 \* MspJI CNNR(N)9^NNNN\_

 917 \* BcgI \_NN^(N)10CGA(N)6TGC(N)10\_NN^

 918 BbvI GCAGC(N)8^NNNN\_

 920 CviKI-1 RG|CY

 920 AluI AG|CT

 921 \* MspJI CNNR(N)9^NNNN\_

 921 FspEI CC(N)12^NNNN\_

 925 MspJI CNNR(N)9^NNNN\_

 926 \* AciI C^CG\_C

 928 \* ApeKI G^CWG\_C

 928 TseI G^CWG\_C

 929 \* Fnu4HI GC^N\_GC

 931 \* MspJI CNNR(N)9^NNNN\_

 931 \* FspEI CC(N)12^NNNN\_

 931 CviKI-1 RG|CY

 931 AluI AG|CT

 931 ApeKI G^CWG\_C

 931 TseI G^CWG\_C

 931 MspA1I CMG|CKG

 931 PvuII CAG|CTG

 932 MspJI CNNR(N)9^NNNN\_

 932 Fnu4HI GC^N\_GC

 939 \* MspJI CNNR(N)9^NNNN\_

 939 \* FspEI CC(N)12^NNNN\_

 939 \* HinP1I G^CG\_C

 939 \* BstUI CG|CG

 940 \* FspEI CC(N)12^NNNN\_

 940 BbvI GCAGC(N)8^NNNN\_

 941 \* HhaI G\_CG^C

 941 \* BstUI CG|CG

 945 MnlI CCTC(N)6\_N^

 948 \* MspJI CNNR(N)9^NNNN\_

 948 FspEI CC(N)12^NNNN\_

 950 \* MspJI CNNR(N)9^NNNN\_

 952 \* MspJI CNNR(N)9^NNNN\_

 953 MspJI CNNR(N)9^NNNN\_

 957 HpyCH4III AC\_N^GT

 960 HphI GGTGA(N)7\_N^

 969 \* FspEI CC(N)12^NNNN\_

 969 Hpy188I TC\_N^GA

 969 HphI GGTGA(N)7\_N^

 973 FatI ^CATG\_

 974 CviAII C^AT\_G

 975 \* FspEI CC(N)12^NNNN\_

 975 MnlI CCTC(N)6\_N^

 977 NlaIII \_CATG^

 977 HpyCH4V TG|CA

 977 ApeKI G^CWG\_C

 977 TseI G^CWG\_C

 977 NspI R\_CATG^Y

 978 FspEI CC(N)12^NNNN\_

 978 Fnu4HI GC^N\_GC

 980 MspJI CNNR(N)9^NNNN\_

 980 CviKI-1 RG|CY

 980 AluI AG|CT

 981 BcoDI GTCTCN^NNNN\_

 981 BsmAI GTCTCN^NNNN\_

 981 \* BsmBI CGTCTCN^NNNN\_

 982 \* StyD4I ^CCNGG\_

 984 MspJI CNNR(N)9^NNNN\_

 984 \* HpaII C^CG\_G

 984 \* MspI C^CG\_G

 984 \* ScrFI CC^N\_GG

 984 \* NciI CC^S\_GG

 986 MspJI CNNR(N)9^NNNN\_

 989 BbvI GCAGC(N)8^NNNN\_

 989 \* BslI CCNN\_NNN^NNGG

 990 MspJI CNNR(N)9^NNNN\_

 992 HpyCH4III AC\_N^GT

 992 Tsp45I ^GTSAC\_

 994 MspJI CNNR(N)9^NNNN\_

 995 \* MspJI CNNR(N)9^NNNN\_

 996 MspJI CNNR(N)9^NNNN\_

 996 FspEI CC(N)12^NNNN\_

 996 \* FspEI CC(N)12^NNNN\_

 997 \* MspJI CNNR(N)9^NNNN\_

 997 \* FspEI CC(N)12^NNNN\_

 997 \* LpnPI CCDG(N)10^NNNN\_

 999 CviKI-1 RG|CY

 999 AluI AG|CT

 1003 \* FspEI CC(N)12^NNNN\_

 1004 FspEI CC(N)12^NNNN\_

 1004 SfaNI GCATC(N)5^NNNN\_

 1007 MspJI CNNR(N)9^NNNN\_

 1011 \* AciI C^CG\_C

 1012 MspJI CNNR(N)9^NNNN\_

 1017 \* StyD4I ^CCNGG\_

 1018 \* HpaII C^CG\_G

 1018 \* MspI C^CG\_G

 1019 \* ScrFI CC^N\_GG

 1019 BtsCI GGATG\_NN^

 1019 \* NciI CC^S\_GG

 1023 MspJI CNNR(N)9^NNNN\_

 1023 FspEI CC(N)12^NNNN\_

 1023 LpnPI CCDG(N)10^NNNN\_

 1024 \* MspJI CNNR(N)9^NNNN\_

 1024 FspEI CC(N)12^NNNN\_

 1026 \* FokI GGATG(N)9^NNNN\_

 1030 MspJI CNNR(N)9^NNNN\_

 1031 \* MspJI CNNR(N)9^NNNN\_

 1031 \* FspEI CC(N)12^NNNN\_

 1031 \* LpnPI CCDG(N)10^NNNN\_

 1032 CviKI-1 RG|CY

 1033 MspJI CNNR(N)9^NNNN\_

 1033 \* HgaI GACGC(N)5^(N)5\_

 1033 DrdI GACNN\_NN^NNGTC

 1035 \* FspEI CC(N)12^NNNN\_

 1036 FspEI CC(N)12^NNNN\_

 1037 MspJI CNNR(N)9^NNNN\_

 1041 MspJI CNNR(N)9^NNNN\_

 1042 FspEI CC(N)12^NNNN\_

 1042 \* HinP1I G^CG\_C

 1043 MspJI CNNR(N)9^NNNN\_

 1043 \* FauI CCCGCNNNN^NN\_

 1044 \* HhaI G\_CG^C

 1044 \* BstUI CG|CG

 1045 \* MspJI CNNR(N)9^NNNN\_

 1045 \* FspEI CC(N)12^NNNN\_

 1046 FspEI CC(N)12^NNNN\_

 1046 FspEI CC(N)12^NNNN\_

 1047 \* FspEI CC(N)12^NNNN\_

 1050 MspJI CNNR(N)9^NNNN\_

 1050 \* AciI C^CG\_C

 1050 \* MspA1I CMG|CKG

 1052 \* FspEI CC(N)12^NNNN\_

 1053 MspJI CNNR(N)9^NNNN\_

 1053 FspEI CC(N)12^NNNN\_

 1053 \* FauI CCCGCNNNN^NN\_

 1054 FspEI CC(N)12^NNNN\_

 1055 \* MspJI CNNR(N)9^NNNN\_

 1060 \* AciI C^CG\_C

 1063 \* MspJI CNNR(N)9^NNNN\_

 1072 \* HinP1I G^CG\_C

 1073 \* MspJI CNNR(N)9^NNNN\_

 1074 \* HhaI G\_CG^C

 1074 \* ApeKI G^CWG\_C

 1074 TseI G^CWG\_C

 1075 \* Fnu4HI GC^N\_GC

 1077 CviKI-1 RG|CY

 1078 FatI ^CATG\_

 1079 CviAII C^AT\_G

 1079 BmrI ACTGGGNNNN\_N^

 1080 \* MspJI CNNR(N)9^NNNN\_

 1082 NlaIII \_CATG^

 1085 \* MspJI CNNR(N)9^NNNN\_

 1085 BsrI ACTG\_GN^

 1085 PflFI GACN^N\_NGTC

 1085 Tth111I GACN^N\_NGTC

 1086 BbvI GCAGC(N)8^NNNN\_

 1087 \* FspEI CC(N)12^NNNN\_

 1087 Tsp45I ^GTSAC\_

 1091 MspJI CNNR(N)9^NNNN\_

 1091 FspEI CC(N)12^NNNN\_

 1091 \* HpyCH4IV A^CG\_T

 1092 \* BsaAI YAC|GTR

 1096 MspJI CNNR(N)9^NNNN\_

 1097 MspJI CNNR(N)9^NNNN\_

 1097 FspEI CC(N)12^NNNN\_

 1098 FspEI CC(N)12^NNNN\_

 1098 LpnPI CCDG(N)10^NNNN\_

 1099 FspEI CC(N)12^NNNN\_

 1099 LpnPI CCDG(N)10^NNNN\_

 1102 \* MspJI CNNR(N)9^NNNN\_

 1102 \* AciI C^CG\_C

 1104 \* MspJI CNNR(N)9^NNNN\_

 1110 MspJI CNNR(N)9^NNNN\_

 1110 AccI GT^MK\_AC

 1111 Hpy166II GTN|NAC

 1111 BstZ17I GTA|TAC

 1112 \* MspJI CNNR(N)9^NNNN\_

 1112 \* FspEI CC(N)12^NNNN\_

 1115 \* MspJI CNNR(N)9^NNNN\_

 1117 CviKI-1 RG|CY

 1118 BsrI ACTG\_GN^

 1119 MspJI CNNR(N)9^NNNN\_

 1119 MseI T^TA\_A

 1126 MspJI CNNR(N)9^NNNN\_

 1127 \* AciI C^CG\_C

 1128 \* Fnu4HI GC^N\_GC

 1130 MspJI CNNR(N)9^NNNN\_

 1135 MspJI CNNR(N)9^NNNN\_

 1135 Hpy188I TC\_N^GA

 1139 SfaNI GCATC(N)5^NNNN\_

 1140 BspCNI CTCAG(N)7\_NN^

 1145 CviQI G^TA\_C

 1146 MspJI CNNR(N)9^NNNN\_

 1146 RsaI GT|AC

 1148 MspJI CNNR(N)9^NNNN\_

 1148 DdeI C^TNA\_G

 1150 \* MspJI CNNR(N)9^NNNN\_

 1150 \* FspEI CC(N)12^NNNN\_

 1151 MspJI CNNR(N)9^NNNN\_

 1154 ApaLI G^TGCA\_C

 1155 MspJI CNNR(N)9^NNNN\_

 1156 HpyCH4V TG|CA

 1156 Hpy166II GTN|NAC

 1158 Bsp1286I G\_DGCH^C

 1158 BsiHKAI G\_WGCW^C

 1158 BaeGI G\_KGCM^C

 1160 MspJI CNNR(N)9^NNNN\_

 1161 NdeI CA^TA\_TG

 1162 MwoI GCNN\_NNN^NNGC

 1162 BstAPI GCAN\_NNN^NTGC

 1165 \* AciI C^CG\_C

 1172 MspJI CNNR(N)9^NNNN\_

 1172 FspEI CC(N)12^NNNN\_

 1173 \* MspJI CNNR(N)9^NNNN\_

 1175 SfaNI GCATC(N)5^NNNN\_

 1177 MspJI CNNR(N)9^NNNN\_

 1177 FspEI CC(N)12^NNNN\_

 1178 \* AciI C^CG\_C

 1191 \* MspJI CNNR(N)9^NNNN\_

 1191 \* FspEI CC(N)12^NNNN\_

 1193 MspJI CNNR(N)9^NNNN\_

 1195 MspJI CNNR(N)9^NNNN\_

 1195 MspJI CNNR(N)9^NNNN\_

 1195 FspEI CC(N)12^NNNN\_

 1195 LpnPI CCDG(N)10^NNNN\_

 1201 \* MspJI CNNR(N)9^NNNN\_

 1204 \* AciI C^CG\_C

 1206 \* MspJI CNNR(N)9^NNNN\_

 1209 MboII GAAGA(N)7\_N^

 1212 \* MwoI GCNN\_NNN^NNGC

 1213 \* HinP1I G^CG\_C

 1215 \* HhaI G\_CG^C

 1215 SfaNI GCATC(N)5^NNNN\_

 1216 \* HaeII R\_GCGC^Y

 1217 \* MspJI CNNR(N)9^NNNN\_

 1217 \* FspEI CC(N)12^NNNN\_

 1221 \* AciI C^CG\_C

 1222 MspJI CNNR(N)9^NNNN\_

 1222 EarI CTCTTCN^NNN\_

 1222 BspQI GCTCTTCN^NNN\_

 1222 SapI GCTCTTCN^NNN\_

 1230 BbvI GCAGC(N)8^NNNN\_

 1231 \* MspJI CNNR(N)9^NNNN\_

 1232 MlyI GAGTC(N)5|

 1232 PleI GAGTCNNNN^N\_

 1233 BtsIMutI CAGTG\_NN^

 1234 \* FspEI CC(N)12^NNNN\_

 1235 \* FspEI CC(N)12^NNNN\_

 1236 MspJI CNNR(N)9^NNNN\_

 1237 MnlI CCTC(N)6\_N^

 1238 \* HinfI G^ANT\_C

 1240 \* MspJI CNNR(N)9^NNNN\_

 1240 FspEI CC(N)12^NNNN\_

 1240 TspRI \_NNCASTGNN^

 1243 \* MspJI CNNR(N)9^NNNN\_

 1243 \* FspEI CC(N)12^NNNN\_

 1243 \* ApeKI G^CWG\_C

 1243 \* TseI G^CWG\_C

 1244 MspJI CNNR(N)9^NNNN\_

 1244 MspJI CNNR(N)9^NNNN\_

 1244 \* Fnu4HI GC^N\_GC

 1246 \* HinP1I G^CG\_C

 1248 MspJI CNNR(N)9^NNNN\_

 1248 \* HhaI G\_CG^C

 1248 BbvI GCAGC(N)8^NNNN\_

 1249 \* MspJI CNNR(N)9^NNNN\_

 1249 \* FspEI CC(N)12^NNNN\_

 1252 \* MspJI CNNR(N)9^NNNN\_

 1254 \* BsiEI CG\_RY^CG

 1256 \* FspEI CC(N)12^NNNN\_

 1261 \* MspJI CNNR(N)9^NNNN\_

 1261 CviKI-1 RG|CY

 1261 \* ApeKI G^CWG\_C

 1261 TseI G^CWG\_C

 1262 \* Fnu4HI GC^N\_GC

 1263 MspJI CNNR(N)9^NNNN\_

 1264 \* AciI C^CG\_C

 1265 \* Fnu4HI GC^N\_GC

 1269 \* Cac8I GCN|NGC

 1271 \* AciI C^CG\_C

 1271 \* BsrBI CCG|CTC

 1274 FspEI CC(N)12^NNNN\_

 1277 \* FspEI CC(N)12^NNNN\_

 1277 MwoI GCNN\_NNN^NNGC

 1280 \* MspJI CNNR(N)9^NNNN\_

 1280 CviKI-1 RG|CY

 1280 AluI AG|CT

 1285 \* MspJI CNNR(N)9^NNNN\_

 1285 \* FspEI CC(N)12^NNNN\_

 1292 \* AciI C^CG\_C

 1293 MspJI CNNR(N)9^NNNN\_

 1297 MspJI CNNR(N)9^NNNN\_

 1299 MspJI CNNR(N)9^NNNN\_

 1302 MspJI CNNR(N)9^NNNN\_

 1302 FspEI CC(N)12^NNNN\_

 1302 LpnPI CCDG(N)10^NNNN\_

 1302 HpyCH4III AC\_N^GT

 1303 FspEI CC(N)12^NNNN\_

 1304 FspEI CC(N)12^NNNN\_

 1313 HinfI G^ANT\_C

 1313 TfiI G^AWT\_C

 1314 FspEI CC(N)12^NNNN\_

 1314 LpnPI CCDG(N)10^NNNN\_

 1321 MspJI CNNR(N)9^NNNN\_

 1321 FspEI CC(N)12^NNNN\_

 1323 MspJI CNNR(N)9^NNNN\_

 1327 MspJI CNNR(N)9^NNNN\_

 1329 MspJI CNNR(N)9^NNNN\_

 1329 MspJI CNNR(N)9^NNNN\_

 1335 FspEI CC(N)12^NNNN\_

 1338 FatI ^CATG\_

 1338 AflIII A^CRYG\_T

 1338 PciI A^CATG\_T

 1339 \* MspJI CNNR(N)9^NNNN\_

 1339 CviAII C^AT\_G

 1341 MspJI CNNR(N)9^NNNN\_

 1342 NlaIII \_CATG^

 1342 NspI R\_CATG^Y

 1346 FspEI CC(N)12^NNNN\_

 1351 MspJI CNNR(N)9^NNNN\_

 1351 # FspEI CC(N)12^NNNN\_

 1351 # LpnPI CCDG(N)10^NNNN\_

 1353 CviKI-1 RG|CY

 1353 HaeIII GG|CC

 1355 Cac8I GCN|NGC

 1359 MspJI CNNR(N)9^NNNN\_

 1360 BslI CCNN\_NNN^NNGG

 1364 FspEI CC(N)12^NNNN\_

 1364 CviKI-1 RG|CY

 1364 HaeIII GG|CC

 1364 # StyD4I ^CCNGG\_

 1364 # PspGI ^CCWGG\_

 1366 MspJI CNNR(N)9^NNNN\_

 1366 # ScrFI CC^N\_GG

 1366 BstNI CC^W\_GG

 1367 FspEI CC(N)12^NNNN\_

 1367 LpnPI CCDG(N)10^NNNN\_

 1370 MspJI CNNR(N)9^NNNN\_

 1370 \*# NlaIV GGN|NCC

 1373 HpyCH4III AC\_N^GT

 1376 FspEI CC(N)12^NNNN\_

 1376 LpnPI CCDG(N)10^NNNN\_

 1377 # MspJI CNNR(N)9^NNNN\_

 1378 # MspJI CNNR(N)9^NNNN\_

 1378 # FspEI CC(N)12^NNNN\_

 1378 # LpnPI CCDG(N)10^NNNN\_

 1378 \* BslI CCNN\_NNN^NNGG

 1382 CviKI-1 RG|CY

 1382 HaeIII GG|CC

 1383 \* AciI C^CG\_C

 1383 \* Fnu4HI GC^N\_GC

 1385 \* MspJI CNNR(N)9^NNNN\_

 1385 \* FspEI CC(N)12^NNNN\_

 1385 \* BstUI CG|CG

 1390 FspEI CC(N)12^NNNN\_

 1391 MspJI CNNR(N)9^NNNN\_

 1391 \* MwoI GCNN\_NNN^NNGC

 1392 \* Cac8I GCN|NGC

 1396 \* MspJI CNNR(N)9^NNNN\_

 1396 \* MspJI CNNR(N)9^NNNN\_

 1396 \* FspEI CC(N)12^NNNN\_

 1400 \* EciI GGCGGA(N)9\_NN^

 1403 MspJI CNNR(N)9^NNNN\_

 1408 CviKI-1 RG|CY

 1409 \* NlaIV GGN|NCC

 1411 \* AciI C^CG\_C

 1415 MspJI CNNR(N)9^NNNN\_

 1415 FspEI CC(N)12^NNNN\_

 1424 \* FspEI CC(N)12^NNNN\_

 1427 FspEI CC(N)12^NNNN\_

 1428 FspEI CC(N)12^NNNN\_

 1429 FspEI CC(N)12^NNNN\_

 1429 BpuEI CTTGAG(N)14\_NN^

 1430 MspJI CNNR(N)9^NNNN\_

 1430 FspEI CC(N)12^NNNN\_

 1431 MspJI CNNR(N)9^NNNN\_

 1431 FspEI CC(N)12^NNNN\_

 1431 LpnPI CCDG(N)10^NNNN\_

 1435 \* MspJI CNNR(N)9^NNNN\_

 1435 SfaNI GCATC(N)5^NNNN\_

 1436 MspJI CNNR(N)9^NNNN\_

 1438 FspEI CC(N)12^NNNN\_

 1438 TaqI T^CG\_A

 1441 FspEI CC(N)12^NNNN\_

 1442 MspJI CNNR(N)9^NNNN\_

 1443 \* Hpy99I \_CGWCG^

 1444 MspJI CNNR(N)9^NNNN\_

 1444 SmlI C^TYRA\_G

 1446 MnlI CCTC(N)6\_N^

 1446 \* DrdI GACNN\_NN^NNGTC

 1449 \* HgaI GACGC(N)5^(N)5\_

 1452 Hpy188I TC\_N^GA

 1455 FspEI CC(N)12^NNNN\_

 1455 LpnPI CCDG(N)10^NNNN\_

 1456 MspJI CNNR(N)9^NNNN\_

 1458 MspJI CNNR(N)9^NNNN\_

 1463 MspJI CNNR(N)9^NNNN\_

 1472 \* MspJI CNNR(N)9^NNNN\_

 1472 # FspEI CC(N)12^NNNN\_

 1472 # LpnPI CCDG(N)10^NNNN\_

 1477 \* MspJI CNNR(N)9^NNNN\_

 1478 MspJI CNNR(N)9^NNNN\_

 1478 FspEI CC(N)12^NNNN\_

 1479 \* FspEI CC(N)12^NNNN\_

 1482 MspJI CNNR(N)9^NNNN\_

 1485 # FspEI CC(N)12^NNNN\_

 1485 # LpnPI CCDG(N)10^NNNN\_

 1485 # StyD4I ^CCNGG\_

 1485 # PspGI ^CCWGG\_

 1487 # ScrFI CC^N\_GG

 1487 BstNI CC^W\_GG

 1498 # MspJI CNNR(N)9^NNNN\_

 1498 # StyD4I ^CCNGG\_

 1498 BsaJI C^CNNG\_G

 1498 # PspGI ^CCWGG\_

 1499 # MspJI CNNR(N)9^NNNN\_

 1499 # FspEI CC(N)12^NNNN\_

 1499 # LpnPI CCDG(N)10^NNNN\_

 1500 # ScrFI CC^N\_GG

 1500 BstNI CC^W\_GG

 1501 \* MspJI CNNR(N)9^NNNN\_

 1506 CviKI-1 RG|CY

 1506 AluI AG|CT

 1509 FspEI CC(N)12^NNNN\_

 1510 FspEI CC(N)12^NNNN\_

 1511 # MspJI CNNR(N)9^NNNN\_

 1511 FspEI CC(N)12^NNNN\_

 1511 BssSI C^ACGA\_G

 1512 # MspJI CNNR(N)9^NNNN\_

 1512 # FspEI CC(N)12^NNNN\_

 1512 # LpnPI CCDG(N)10^NNNN\_

 1514 \* MspJI CNNR(N)9^NNNN\_

 1516 \* HinP1I G^CG\_C

 1518 \* HhaI G\_CG^C

 1520 MnlI CCTC(N)6\_N^

 1522 FspEI CC(N)12^NNNN\_

 1523 \* MspJI CNNR(N)9^NNNN\_

 1523 FspEI CC(N)12^NNNN\_

 1525 \* MspJI CNNR(N)9^NNNN\_

 1530 \* FspEI CC(N)12^NNNN\_

 1530 Hpy188I TC\_N^GA

 1535 MspJI CNNR(N)9^NNNN\_

 1536 FspEI CC(N)12^NNNN\_

 1536 LpnPI CCDG(N)10^NNNN\_

 1538 \* AciI C^CG\_C

 1538 \* Fnu4HI GC^N\_GC

 1541 MspJI CNNR(N)9^NNNN\_

 1541 BciVI GTATCC(N)5\_N^

 1542 \* MspJI CNNR(N)9^NNNN\_

 1542 \* FspEI CC(N)12^NNNN\_

 1544 \* BslI CCNN\_NNN^NNGG

 1544 BsaWI W^CCGG\_W

 1545 \* HpaII C^CG\_G

 1545 \* MspI C^CG\_G

 1546 MspJI CNNR(N)9^NNNN\_

 1546 FspEI CC(N)12^NNNN\_

 1546 \* EciI GGCGGA(N)9\_NN^

 1547 FspEI CC(N)12^NNNN\_

 1547 LpnPI CCDG(N)10^NNNN\_

 1551 \* FspEI CC(N)12^NNNN\_

 1553 MspJI CNNR(N)9^NNNN\_

 1553 MmeI TCCRAC(N)18\_NN^

 1556 \* MspJI CNNR(N)9^NNNN\_

 1556 \* FspEI CC(N)12^NNNN\_

 1557 MspJI CNNR(N)9^NNNN\_

 1557 MspJI CNNR(N)9^NNNN\_

 1557 FspEI CC(N)12^NNNN\_

 1557 \* AciI C^CG\_C

 1558 \* MspJI CNNR(N)9^NNNN\_

 1558 \* FspEI CC(N)12^NNNN\_

 1558 \* LpnPI CCDG(N)10^NNNN\_

 1564 MspJI CNNR(N)9^NNNN\_

 1565 FspEI CC(N)12^NNNN\_

 1565 FspEI CC(N)12^NNNN\_

 1565 LpnPI CCDG(N)10^NNNN\_

 1570 \* FspEI CC(N)12^NNNN\_

 1572 \* Hpy188III TC^NN\_GA

 1573 FspEI CC(N)12^NNNN\_

 1578 \* HpyAV CCTTC(N)5\_N^

 1580 FspEI CC(N)12^NNNN\_

 1581 FspEI CC(N)12^NNNN\_

 1583 \* HinP1I G^CG\_C

 1584 \* MspJI CNNR(N)9^NNNN\_

 1585 \* HhaI G\_CG^C

 1586 \* HaeII R\_GCGC^Y

 1591 \* MspJI CNNR(N)9^NNNN\_

 1591 FspEI CC(N)12^NNNN\_

 1592 MspJI CNNR(N)9^NNNN\_

 1596 CviKI-1 RG|CY

 1596 AluI AG|CT

 1600 MspJI CNNR(N)9^NNNN\_

 1602 MspJI CNNR(N)9^NNNN\_

 1603 SfcI C^TRYA\_G

 1604 MspJI CNNR(N)9^NNNN\_

 1604 \* MspJI CNNR(N)9^NNNN\_

 1604 \* FspEI CC(N)12^NNNN\_

 1605 MspJI CNNR(N)9^NNNN\_

 1609 MspJI CNNR(N)9^NNNN\_

 1610 FspEI CC(N)12^NNNN\_

 1611 \* MspJI CNNR(N)9^NNNN\_

 1611 MspJI CNNR(N)9^NNNN\_

 1613 DdeI C^TNA\_G

 1618 \* MspJI CNNR(N)9^NNNN\_

 1625 MspJI CNNR(N)9^NNNN\_

 1626 BspCNI CTCAG(N)7\_NN^

 1628 FspEI CC(N)12^NNNN\_

 1628 LpnPI CCDG(N)10^NNNN\_

 1629 FspEI CC(N)12^NNNN\_

 1630 MspJI CNNR(N)9^NNNN\_

 1635 MspJI CNNR(N)9^NNNN\_

 1637 MspJI CNNR(N)9^NNNN\_

 1642 CviKI-1 RG|CY

 1642 AluI AG|CT

 1642 BseYI C^CCAG\_C

 1647 CviKI-1 RG|CY

 1650 MspJI CNNR(N)9^NNNN\_

 1651 MspJI CNNR(N)9^NNNN\_

 1651 FspEI CC(N)12^NNNN\_

 1652 \* ApaLI G^TGCA\_C

 1654 HpyCH4V TG|CA

 1654 \* Hpy166II GTN|NAC

 1655 MspJI CNNR(N)9^NNNN\_

 1655 MspJI CNNR(N)9^NNNN\_

 1656 Bsp1286I G\_DGCH^C

 1656 BsiHKAI G\_WGCW^C

 1656 BaeGI G\_KGCM^C

 1667 \* MspJI CNNR(N)9^NNNN\_

 1667 BbvI GCAGC(N)8^NNNN\_

 1668 \* MspJI CNNR(N)9^NNNN\_

 1669 \* MspJI CNNR(N)9^NNNN\_

 1672 CviKI-1 RG|CY

 1674 FspEI CC(N)12^NNNN\_

 1675 FspEI CC(N)12^NNNN\_

 1676 \* MspJI CNNR(N)9^NNNN\_

 1676 FspEI CC(N)12^NNNN\_

 1677 \* MspJI CNNR(N)9^NNNN\_

 1677 FspEI CC(N)12^NNNN\_

 1677 \* FspEI CC(N)12^NNNN\_

 1678 \* FspEI CC(N)12^NNNN\_

 1678 \* AciI C^CG\_C

 1678 \* BsiEI CG\_RY^CG

 1680 \* ApeKI G^CWG\_C

 1680 \* TseI G^CWG\_C

 1680 \* MspA1I CMG|CKG

 1681 \* Fnu4HI GC^N\_GC

 1683 \* HinP1I G^CG\_C

 1685 \* MspJI CNNR(N)9^NNNN\_

 1685 \* HhaI G\_CG^C

 1686 MspJI CNNR(N)9^NNNN\_

 1686 FspEI CC(N)12^NNNN\_

 1687 \* FspEI CC(N)12^NNNN\_

 1691 \* FspEI CC(N)12^NNNN\_

 1691 BsaWI W^CCGG\_W

 1692 \* HpaII C^CG\_G

 1692 \* MspI C^CG\_G

 1694 MspJI CNNR(N)9^NNNN\_

 1699 MspJI CNNR(N)9^NNNN\_

 1699 FspEI CC(N)12^NNNN\_

 1703 \* FspEI CC(N)12^NNNN\_

 1704 MspJI CNNR(N)9^NNNN\_

 1705 \* FspEI CC(N)12^NNNN\_

 1705 \* LpnPI CCDG(N)10^NNNN\_

 1706 Hpy188III TC^NN\_GA

 1706 SmlI C^TYRA\_G

 1708 MspJI CNNR(N)9^NNNN\_

 1709 HinfI G^ANT\_C

 1716 \* StyD4I ^CCNGG\_

 1717 PleI GAGTCNNNN^N\_

 1718 MspJI CNNR(N)9^NNNN\_

 1718 \* HpaII C^CG\_G

 1718 \* MspI C^CG\_G

 1718 \* ScrFI CC^N\_GG

 1718 \* NciI CC^S\_GG

 1718 MlyI GAGTC(N)5|

 1725 MspJI CNNR(N)9^NNNN\_

 1726 FspEI CC(N)12^NNNN\_

 1727 FspEI CC(N)12^NNNN\_

 1727 LpnPI CCDG(N)10^NNNN\_

 1727 BpuEI CTTGAG(N)14\_NN^

 1729 \* MspJI CNNR(N)9^NNNN\_

 1730 MspJI CNNR(N)9^NNNN\_

 1730 FspEI CC(N)12^NNNN\_

 1731 \* FspEI CC(N)12^NNNN\_

 1731 \* LpnPI CCDG(N)10^NNNN\_

 1737 MmeI TCCRAC(N)18\_NN^

 1739 \* MspJI CNNR(N)9^NNNN\_

 1739 BtsIMutI CAGTG\_NN^

 1740 FspEI CC(N)12^NNNN\_

 1740 LpnPI CCDG(N)10^NNNN\_

 1744 MspJI CNNR(N)9^NNNN\_

 1745 ApeKI G^CWG\_C

 1745 TseI G^CWG\_C

 1746 Fnu4HI GC^N\_GC

 1746 BsrI ACTG\_GN^

 1746 TspRI \_NNCASTGNN^

 1747 FspEI CC(N)12^NNNN\_

 1747 LpnPI CCDG(N)10^NNNN\_

 1748 ApeKI G^CWG\_C

 1748 TseI G^CWG\_C

 1749 Fnu4HI GC^N\_GC

 1751 CviKI-1 RG|CY

 1752 FspEI CC(N)12^NNNN\_

 1752 BtsIMutI CAGTG\_NN^

 1753 MspJI CNNR(N)9^NNNN\_

 1754 MspJI CNNR(N)9^NNNN\_

 1754 AlwNI CAG\_NNN^CTG

 1757 BbvI GCAGC(N)8^NNNN\_

 1759 BsrI ACTG\_GN^

 1759 TspRI \_NNCASTGNN^

 1760 BbvI GCAGC(N)8^NNNN\_

 1762 FspEI CC(N)12^NNNN\_

 1765 FspEI CC(N)12^NNNN\_

 1767 MspJI CNNR(N)9^NNNN\_

 1767 MspJI CNNR(N)9^NNNN\_

 1770 FspEI CC(N)12^NNNN\_

 1770 MnlI CCTC(N)6\_N^

 1771 MspJI CNNR(N)9^NNNN\_

 1773 \* FspEI CC(N)12^NNNN\_

 1774 MspJI CNNR(N)9^NNNN\_

 1776 EcoP15I CAGCAG(N)25^NN\_

 1783 MspJI CNNR(N)9^NNNN\_

 1788 \* MspJI CNNR(N)9^NNNN\_

 1788 \* AciI C^CG\_C

 1794 SfcI C^TRYA\_G

 1795 FspEI CC(N)12^NNNN\_

 1798 FspEI CC(N)12^NNNN\_

 1804 Hpy188III TC^NN\_GA

 1809 MspJI CNNR(N)9^NNNN\_

 1809 \* MspJI CNNR(N)9^NNNN\_

 1809 \* FspEI CC(N)12^NNNN\_

 1816 MspJI CNNR(N)9^NNNN\_

 1816 CviKI-1 RG|CY

 1816 HaeIII GG|CC

 1822 FspEI CC(N)12^NNNN\_

 1823 \* BslI CCNN\_NNN^NNGG

 1827 CviKI-1 RG|CY

 1829 MspJI CNNR(N)9^NNNN\_

 1830 MspJI CNNR(N)9^NNNN\_

 1830 FspEI CC(N)12^NNNN\_

 1830 HpyAV CCTTC(N)5\_N^

 1833 MspJI CNNR(N)9^NNNN\_

 1833 FspEI CC(N)12^NNNN\_

 1833 BfaI C^TA\_G

 1834 MspJI CNNR(N)9^NNNN\_

 1834 EcoP15I CAGCAG(N)25^NN\_

 1840 MspJI CNNR(N)9^NNNN\_

 1840 \* BceAI ACGGC(N)12^NN\_

 1842 \* MspJI CNNR(N)9^NNNN\_

 1843 HpyCH4III AC\_N^GT

 1845 MspJI CNNR(N)9^NNNN\_

 1847 MspJI CNNR(N)9^NNNN\_

 1857 \* HinP1I G^CG\_C

 1859 \* HhaI G\_CG^C

 1866 \* MspJI CNNR(N)9^NNNN\_

 1866 \* FspEI CC(N)12^NNNN\_

 1867 MspJI CNNR(N)9^NNNN\_

 1870 CviKI-1 RG|CY

 1871 BsrI ACTG\_GN^

 1877 MspJI CNNR(N)9^NNNN\_

 1878 FspEI CC(N)12^NNNN\_

 1879 MspJI CNNR(N)9^NNNN\_

 1883 MspJI CNNR(N)9^NNNN\_

 1883 Hpy188I TC\_N^GA

 1884 FspEI CC(N)12^NNNN\_

 1884 LpnPI CCDG(N)10^NNNN\_

 1886 AcuI CTGAAG(N)14\_NN^

 1888 \* HpyAV CCTTC(N)5\_N^

 1891 FspEI CC(N)12^NNNN\_

 1893 \*# MspJI CNNR(N)9^NNNN\_

 1893 \* FspEI CC(N)12^NNNN\_

 1894 \* MspJI CNNR(N)9^NNNN\_

 1899 CviKI-1 RG|CY

 1899 AluI AG|CT

 1899 # AlwI GGATCNNNN^N\_

 1902 # Hpy188III TC^NN\_GA

 1904 BfuCI ^GATC\_

 1904 # DpnII ^GATC\_

 1904 # MboI ^GATC\_

 1904 Sau3AI ^GATC\_

 1906 DpnI GA|TC

 1908 \* HpaII C^CG\_G

 1908 \* MspI C^CG\_G

 1911 FspEI CC(N)12^NNNN\_

 1911 LpnPI CCDG(N)10^NNNN\_

 1914 MspJI CNNR(N)9^NNNN\_

 1917 \* FspEI CC(N)12^NNNN\_

 1920 MspJI CNNR(N)9^NNNN\_

 1920 FspEI CC(N)12^NNNN\_

 1921 \* FspEI CC(N)12^NNNN\_

 1921 \* LpnPI CCDG(N)10^NNNN\_

 1923 \* AciI C^CG\_C

 1924 MspJI CNNR(N)9^NNNN\_

 1925 \* MspA1I CMG|CKG

 1928 MspJI CNNR(N)9^NNNN\_

 1929 MspJI CNNR(N)9^NNNN\_

 1932 \* AciI C^CG\_C

 1933 MspJI CNNR(N)9^NNNN\_

 1933 FspEI CC(N)12^NNNN\_

 1936 \* FspEI CC(N)12^NNNN\_

 1938 MspJI CNNR(N)9^NNNN\_

 1949 \* MspJI CNNR(N)9^NNNN\_

 1950 HpyCH4V TG|CA

 1952 Cac8I GCN|NGC

 1954 ApeKI G^CWG\_C

 1954 TseI G^CWG\_C

 1955 Fnu4HI GC^N\_GC

 1962 FspEI CC(N)12^NNNN\_

 1963 MspJI CNNR(N)9^NNNN\_

 1963 \* MwoI GCNN\_NNN^NNGC

 1966 \* HinP1I G^CG\_C

 1966 BbvI GCAGC(N)8^NNNN\_

 1966 \* BstUI CG|CG

 1968 \* HhaI G\_CG^C

 1968 BpuEI CTTGAG(N)14\_NN^

 1970 MspJI CNNR(N)9^NNNN\_

 1977 \* MspJI CNNR(N)9^NNNN\_

 1979 \* MspJI CNNR(N)9^NNNN\_

 1979 BfuCI ^GATC\_

 1979 # DpnII ^GATC\_

 1979 # MboI ^GATC\_

 1979 Sau3AI ^GATC\_

 1979 BstYI R^GATC\_Y

 1981 MspJI CNNR(N)9^NNNN\_

 1981 DpnI GA|TC

 1982 MspJI CNNR(N)9^NNNN\_

 1983 SmlI C^TYRA\_G

 1985 Hpy188III TC^NN\_GA

 1985 # AlwI GGATCNNNN^N\_

 1985 EcoP15I CAGCAG(N)25^NN\_

 1987 # AlwI GGATCNNNN^N\_

 1990 BfuCI ^GATC\_

 1990 # DpnII ^GATC\_

 1990 # MboI ^GATC\_

 1990 Sau3AI ^GATC\_

 1990 BstYI R^GATC\_Y

 1992 DpnI GA|TC

 1994 \* MspJI CNNR(N)9^NNNN\_

 1994 \* FspEI CC(N)12^NNNN\_

 1995 MspJI CNNR(N)9^NNNN\_

 1995 FspEI CC(N)12^NNNN\_

 1996 FspEI CC(N)12^NNNN\_

 1997 MspJI CNNR(N)9^NNNN\_

 1998 BfuCI ^GATC\_

 1998 # DpnII ^GATC\_

 1998 # MboI ^GATC\_

 1998 Sau3AI ^GATC\_

 2000 DpnI GA|TC

 2000 # MboII GAAGA(N)7\_N^

 2001 MspJI CNNR(N)9^NNNN\_

 2007 FspEI CC(N)12^NNNN\_

 2009 MspJI CNNR(N)9^NNNN\_

 2011 FspEI CC(N)12^NNNN\_

 2017 Hpy188I TC\_N^GA

 2022 \* MspJI CNNR(N)9^NNNN\_

 2022 DdeI C^TNA\_G

 2027 \* HgaI GACGC(N)5^(N)5\_

 2028 MspJI CNNR(N)9^NNNN\_

 2030 BtsIMutI CAGTG\_NN^

 2030 TspRI \_NNCASTGNN^

 2031 MspJI CNNR(N)9^NNNN\_

 2031 FspEI CC(N)12^NNNN\_

 2032 FspEI CC(N)12^NNNN\_

 2034 MspJI CNNR(N)9^NNNN\_

 2035 BspCNI CTCAG(N)7\_NN^

 2039 MspJI CNNR(N)9^NNNN\_

 2039 FspEI CC(N)12^NNNN\_

 2040 MspJI CNNR(N)9^NNNN\_

 2041 \* HpyCH4IV A^CG\_T

 2044 \* MspJI CNNR(N)9^NNNN\_

 2044 MseI T^TA\_A

 2047 MspJI CNNR(N)9^NNNN\_

 2050 MspJI CNNR(N)9^NNNN\_

 2052 \* MspJI CNNR(N)9^NNNN\_

 2058 FatI ^CATG\_

 2058 BspHI T^CATG\_A

 2059 FspEI CC(N)12^NNNN\_

 2059 CviAII C^AT\_G

 2059 Hpy188III TC^NN\_GA

 2062 NlaIII \_CATG^

 2071 MspJI CNNR(N)9^NNNN\_

 2071 # MboII GAAGA(N)7\_N^

 2074 HphI GGTGA(N)7\_N^

 2076 BfuCI ^GATC\_

 2076 # DpnII ^GATC\_

 2076 # MboI ^GATC\_

 2076 Sau3AI ^GATC\_

 2076 BstYI R^GATC\_Y

 2078 DpnI GA|TC

 2082 MspJI CNNR(N)9^NNNN\_

 2083 # AlwI GGATCNNNN^N\_

 2084 # AlwI GGATCNNNN^N\_

 2086 BfaI C^TA\_G

 2088 BfuCI ^GATC\_

 2088 # DpnII ^GATC\_

 2088 # MboI ^GATC\_

 2088 Sau3AI ^GATC\_

 2088 BstYI R^GATC\_Y

 2090 DpnI GA|TC

 2096 MseI T^TA\_A

 2097 MspJI CNNR(N)9^NNNN\_

 2097 DraI TTT|AAA

 2098 MspJI CNNR(N)9^NNNN\_

 2098 FspEI CC(N)12^NNNN\_

 2098 MluCI ^AATT\_

 2101 MseI T^TA\_A

 2105 FspEI CC(N)12^NNNN\_

 2115 MseI T^TA\_A

 2116 DraI TTT|AAA

 2121 MspJI CNNR(N)9^NNNN\_

 2123 MspJI CNNR(N)9^NNNN\_

 2131 FspEI CC(N)12^NNNN\_

 2132 MspJI CNNR(N)9^NNNN\_

 2136 MspJI CNNR(N)9^NNNN\_

 2137 MspJI CNNR(N)9^NNNN\_

 2142 Hpy166II GTN|NAC

 2152 Hpy188I TC\_N^GA

 2156 HpyCH4III AC\_N^GT

 2157 MspJI CNNR(N)9^NNNN\_

 2158 MspJI CNNR(N)9^NNNN\_

 2162 MspJI CNNR(N)9^NNNN\_

 2162 FspEI CC(N)12^NNNN\_

 2163 MspJI CNNR(N)9^NNNN\_

 2168 MseI T^TA\_A

 2170 MnlI CCTC(N)6\_N^

 2173 MspJI CNNR(N)9^NNNN\_

 2174 FspEI CC(N)12^NNNN\_

 2175 MspJI CNNR(N)9^NNNN\_

 2179 MspJI CNNR(N)9^NNNN\_

 2179 BtsIMutI CAGTG\_NN^

 2179 TspRI \_NNCASTGNN^

 2179 BanI G^GYRC\_C

 2181 NlaIV GGN|NCC

 2182 # MspJI CNNR(N)9^NNNN\_

 2188 DdeI C^TNA\_G

 2191 \* MspJI CNNR(N)9^NNNN\_

 2193 \* BfuCI ^GATC\_

 2193 # DpnII ^GATC\_

 2193 \*# MboI ^GATC\_

 2193 \* Sau3AI ^GATC\_

 2195 MspJI CNNR(N)9^NNNN\_

 2195 \* DpnI GA|TC

 2196 FspEI CC(N)12^NNNN\_

 2197 FokI GGATG(N)9^NNNN\_

 2200 MspJI CNNR(N)9^NNNN\_

 2201 BspCNI CTCAG(N)7\_NN^

 2210 BtsCI GGATG\_NN^

 2220 MlyI GAGTC(N)5|

 2220 PleI GAGTCNNNN^N\_

 2226 HinfI G^ANT\_C

 2227 MspJI CNNR(N)9^NNNN\_

 2227 FspEI CC(N)12^NNNN\_

 2231 AhdI GACNN\_N^NNGTC

 2234 \* MspJI CNNR(N)9^NNNN\_

 2235 MspJI CNNR(N)9^NNNN\_

 2236 MspJI CNNR(N)9^NNNN\_

 2236 FspEI CC(N)12^NNNN\_

 2236 LpnPI CCDG(N)10^NNNN\_

 2237 \* Hpy99I \_CGWCG^

 2239 \* MspJI CNNR(N)9^NNNN\_

 2239 \* FspEI CC(N)12^NNNN\_

 2240 FspEI CC(N)12^NNNN\_

 2243 \* MspJI CNNR(N)9^NNNN\_

 2243 FspEI CC(N)12^NNNN\_

 2243 FspEI CC(N)12^NNNN\_

 2244 FspEI CC(N)12^NNNN\_

 2244 FspEI CC(N)12^NNNN\_

 2245 \* FspEI CC(N)12^NNNN\_

 2248 \* MspJI CNNR(N)9^NNNN\_

 2251 MnlI CCTC(N)6\_N^

 2256 MspJI CNNR(N)9^NNNN\_

 2256 FspEI CC(N)12^NNNN\_

 2256 LpnPI CCDG(N)10^NNNN\_

 2262 CviKI-1 RG|CY

 2267 \* MspJI CNNR(N)9^NNNN\_

 2269 BbvI GCAGC(N)8^NNNN\_

 2271 BmrI ACTGGGNNNN\_N^

 2273 Sau96I G^GNC\_C

 2274 CviKI-1 RG|CY

 2274 HaeIII GG|CC

 2275 MspJI CNNR(N)9^NNNN\_

 2275 NlaIV GGN|NCC

 2275 BccI CCATCNNNN^N\_

 2277 BsrI ACTG\_GN^

 2280 FspEI CC(N)12^NNNN\_

 2282 ApeKI G^CWG\_C

 2282 TseI G^CWG\_C

 2283 MspJI CNNR(N)9^NNNN\_

 2283 Fnu4HI GC^N\_GC

 2284 BtsIMutI CAGTG\_NN^

 2284 TspRI \_NNCASTGNN^

 2285 HpyCH4V TG|CA

 2288 MspJI CNNR(N)9^NNNN\_

 2288 FspEI CC(N)12^NNNN\_

 2289 MspJI CNNR(N)9^NNNN\_

 2289 FspEI CC(N)12^NNNN\_

 2290 FspEI CC(N)12^NNNN\_

 2290 LpnPI CCDG(N)10^NNNN\_

 2292 \* BcoDI GTCTCN^NNNN\_

 2292 \* BsmAI GTCTCN^NNNN\_

 2292 BsrDI GCAATG\_NN^

 2292 BsaI GGTCTCN^NNNN\_

 2294 \* AciI C^CG\_C

 2296 \* BstUI CG|CG

 2297 \* FspEI CC(N)12^NNNN\_

 2301 HphI GGTGA(N)7\_N^

 2301 BpmI CTGGAG(N)14\_NN^

 2307 \* MspJI CNNR(N)9^NNNN\_

 2307 \* FspEI CC(N)12^NNNN\_

 2309 \* MspJI CNNR(N)9^NNNN\_

 2311 \* BsrFI R^CCGG\_Y

 2312 \* HpaII C^CG\_G

 2312 \* MspI C^CG\_G

 2313 MspJI CNNR(N)9^NNNN\_

 2314 MspJI CNNR(N)9^NNNN\_

 2315 FspEI CC(N)12^NNNN\_

 2315 CviKI-1 RG|CY

 2316 \* MspJI CNNR(N)9^NNNN\_

 2316 FspEI CC(N)12^NNNN\_

 2316 \* NlaIV GGN|NCC

 2318 Hpy188III TC^NN\_GA

 2320 MspJI CNNR(N)9^NNNN\_

 2324 MspJI CNNR(N)9^NNNN\_

 2325 \* FspEI CC(N)12^NNNN\_

 2325 \* LpnPI CCDG(N)10^NNNN\_

 2330 MspJI CNNR(N)9^NNNN\_

 2331 MspJI CNNR(N)9^NNNN\_

 2331 FspEI CC(N)12^NNNN\_

 2331 \* FspEI CC(N)12^NNNN\_

 2331 LpnPI CCDG(N)10^NNNN\_

 2335 FspEI CC(N)12^NNNN\_

 2336 FspEI CC(N)12^NNNN\_

 2341 CviKI-1 RG|CY

 2343 Cac8I GCN|NGC

 2343 HpyAV CCTTC(N)5\_N^

 2345 CviKI-1 RG|CY

 2346 \* HpaII C^CG\_G

 2346 \* MspI C^CG\_G

 2350 MspJI CNNR(N)9^NNNN\_

 2351 FspEI CC(N)12^NNNN\_

 2351 LpnPI CCDG(N)10^NNNN\_

 2351 MwoI GCNN\_NNN^NNGC

 2351 BglI GCCN\_NNN^NGGC

 2352 FspEI CC(N)12^NNNN\_

 2352 \* Sau96I G^GNC\_C

 2354 MspJI CNNR(N)9^NNNN\_

 2354 CviKI-1 RG|CY

 2354 HaeIII GG|CC

 2355 FspEI CC(N)12^NNNN\_

 2355 LpnPI CCDG(N)10^NNNN\_

 2358 MspJI CNNR(N)9^NNNN\_

 2359 \* MspJI CNNR(N)9^NNNN\_

 2359 \* FspEI CC(N)12^NNNN\_

 2359 \* LpnPI CCDG(N)10^NNNN\_

 2359 \* HinP1I G^CG\_C

 2361 \* HhaI G\_CG^C

 2367 MspJI CNNR(N)9^NNNN\_

 2368 \* MspJI CNNR(N)9^NNNN\_

 2368 \* FspEI CC(N)12^NNNN\_

 2369 Sau96I G^GNC\_C

 2369 AvaII G^GWC\_C

 2370 \* MspJI CNNR(N)9^NNNN\_

 2372 \* MspJI CNNR(N)9^NNNN\_

 2374 MspJI CNNR(N)9^NNNN\_

 2374 \* EciI GGCGGA(N)9\_NN^

 2375 HpyCH4V TG|CA

 2378 FokI GGATG(N)9^NNNN\_

 2380 NmeAIII GCCGAG(N)19\_NN^

 2384 MspJI CNNR(N)9^NNNN\_

 2385 FspEI CC(N)12^NNNN\_

 2385 LpnPI CCDG(N)10^NNNN\_

 2385 \* AciI C^CG\_C

 2391 BtsCI GGATG\_NN^

 2395 BsrI ACTG\_GN^

 2398 \* FspEI CC(N)12^NNNN\_

 2398 \* FspEI CC(N)12^NNNN\_

 2398 MnlI CCTC(N)6\_N^

 2399 FspEI CC(N)12^NNNN\_

 2399 BccI CCATCNNNN^N\_

 2401 FspEI CC(N)12^NNNN\_

 2403 MseI T^TA\_A

 2403 AseI AT^TA\_AT

 2404 FspEI CC(N)12^NNNN\_

 2404 MluCI ^AATT\_

 2407 MspJI CNNR(N)9^NNNN\_

 2408 FspEI CC(N)12^NNNN\_

 2408 LpnPI CCDG(N)10^NNNN\_

 2412 \* StyD4I ^CCNGG\_

 2413 MspJI CNNR(N)9^NNNN\_

 2413 \* HpaII C^CG\_G

 2413 \* MspI C^CG\_G

 2414 \* ScrFI CC^N\_GG

 2414 \* NciI CC^S\_GG

 2420 \* MspJI CNNR(N)9^NNNN\_

 2420 CviKI-1 RG|CY

 2420 AluI AG|CT

 2421 BfaI C^TA\_G

 2425 MspJI CNNR(N)9^NNNN\_

 2426 \* MspJI CNNR(N)9^NNNN\_

 2426 \* FspEI CC(N)12^NNNN\_

 2426 \* LpnPI CCDG(N)10^NNNN\_

 2433 MspJI CNNR(N)9^NNNN\_

 2435 MspJI CNNR(N)9^NNNN\_

 2437 \* MspJI CNNR(N)9^NNNN\_

 2438 BsrI ACTG\_GN^

 2442 MseI T^TA\_A

 2450 MspJI CNNR(N)9^NNNN\_

 2451 FspEI CC(N)12^NNNN\_

 2451 LpnPI CCDG(N)10^NNNN\_

 2452 \* HinP1I G^CG\_C

 2453 \* FspI TGC|GCA

 2454 \* HhaI G\_CG^C

 2457 \* HpyCH4IV A^CG\_T

 2457 \* AclI AA^CG\_TT

 2458 BbvI GCAGC(N)8^NNNN\_

 2460 FspEI CC(N)12^NNNN\_

 2460 LpnPI CCDG(N)10^NNNN\_

 2465 \* MspJI CNNR(N)9^NNNN\_

 2466 BsrDI GCAATG\_NN^

 2468 FspEI CC(N)12^NNNN\_

 2471 ApeKI G^CWG\_C

 2471 TseI G^CWG\_C

 2471 MwoI GCNN\_NNN^NNGC

 2472 Fnu4HI GC^N\_GC

 2472 SfcI C^TRYA\_G

 2474 HpyCH4V TG|CA

 2476 Cac8I GCN|NGC

 2476 PstI C\_TGCA^G

 2479 FspEI CC(N)12^NNNN\_

 2483 MslI CAYNN|NNRTG

 2487 MspJI CNNR(N)9^NNNN\_

 2487 MspJI CNNR(N)9^NNNN\_

 2487 FspEI CC(N)12^NNNN\_

 2487 SfaNI GCATC(N)5^NNNN\_

 2487 Tsp45I ^GTSAC\_

 2488 MspJI CNNR(N)9^NNNN\_

 2492 MspJI CNNR(N)9^NNNN\_

 2492 FspEI CC(N)12^NNNN\_

 2494 \* MspJI CNNR(N)9^NNNN\_

 2500 \* Hpy99I \_CGWCG^

 2502 \* MspJI CNNR(N)9^NNNN\_

 2503 MspJI CNNR(N)9^NNNN\_

 2506 \* MspJI CNNR(N)9^NNNN\_

 2508 \* MspJI CNNR(N)9^NNNN\_

 2508 \* FspEI CC(N)12^NNNN\_

 2510 CviKI-1 RG|CY

 2520 CviKI-1 RG|CY

 2520 AluI AG|CT

 2522 BsaWI W^CCGG\_W

 2523 \* HpaII C^CG\_G

 2523 \* MspI C^CG\_G

 2524 FspEI CC(N)12^NNNN\_

 2527 \* NlaIV GGN|NCC

 2534 \* BfuCI ^GATC\_

 2534 # DpnII ^GATC\_

 2534 \*# MboI ^GATC\_

 2534 \* Sau3AI ^GATC\_

 2535 MspJI CNNR(N)9^NNNN\_

 2536 \* FspEI CC(N)12^NNNN\_

 2536 \* LpnPI CCDG(N)10^NNNN\_

 2536 \* DpnI GA|TC

 2541 MspJI CNNR(N)9^NNNN\_

 2542 MspJI CNNR(N)9^NNNN\_

 2542 FspEI CC(N)12^NNNN\_

 2543 FspEI CC(N)12^NNNN\_

 2547 # AlwI GGATCNNNN^N\_

 2549 FatI ^CATG\_

 2550 MspJI CNNR(N)9^NNNN\_

 2550 CviAII C^AT\_G

 2551 MspJI CNNR(N)9^NNNN\_

 2552 BfuCI ^GATC\_

 2552 # DpnII ^GATC\_

 2552 # MboI ^GATC\_

 2552 Sau3AI ^GATC\_

 2553 NlaIII \_CATG^

 2554 DpnI GA|TC

 2555 \* MspJI CNNR(N)9^NNNN\_

 2559 FatI ^CATG\_

 2560 CviAII C^AT\_G

 2561 \* FspEI CC(N)12^NNNN\_

 2562 MspJI CNNR(N)9^NNNN\_

 2563 NlaIII \_CATG^

 2566 MspJI CNNR(N)9^NNNN\_

 2568 HpyCH4V TG|CA

 2569 FspEI CC(N)12^NNNN\_

 2570 MspJI CNNR(N)9^NNNN\_

 2570 FspEI CC(N)12^NNNN\_

 2571 FspEI CC(N)12^NNNN\_

 2572 MspJI CNNR(N)9^NNNN\_

 2572 FspEI CC(N)12^NNNN\_

 2574 \* MspJI CNNR(N)9^NNNN\_

 2574 \* FspEI CC(N)12^NNNN\_

 2575 MspJI CNNR(N)9^NNNN\_

 2576 \* AciI C^CG\_C

 2581 MspJI CNNR(N)9^NNNN\_

 2582 \* MspJI CNNR(N)9^NNNN\_

 2583 CviKI-1 RG|CY

 2583 AluI AG|CT

 2591 \* Sau96I G^GNC\_C

 2591 \* AvaII G^GWC\_C

 2593 MspJI CNNR(N)9^NNNN\_

 2596 \* HpyAV CCTTC(N)5\_N^

 2598 \* BfuCI ^GATC\_

 2598 # DpnII ^GATC\_

 2598 \*# MboI ^GATC\_

 2598 \* Sau3AI ^GATC\_

 2598 # Hpy188I TC\_N^GA

 2599 FspEI CC(N)12^NNNN\_

 2600 MspJI CNNR(N)9^NNNN\_

 2600 \* DpnI GA|TC

 2601 \* BsiEI CG\_RY^CG

 2601 \* PvuI CG\_AT^CG

 2603 FspEI CC(N)12^NNNN\_

 2604 MspJI CNNR(N)9^NNNN\_

 2604 MnlI CCTC(N)6\_N^

 2607 FspEI CC(N)12^NNNN\_

 2609 # MspJI CNNR(N)9^NNNN\_

 2609 Hpy188I TC\_N^GA

 2610 \* FspEI CC(N)12^NNNN\_

 2619 \* EaeI Y^GGCC\_R

 2620 MspJI CNNR(N)9^NNNN\_

 2621 CviKI-1 RG|CY

 2621 HaeIII GG|CC

 2622 \* AciI C^CG\_C

 2622 \* Fnu4HI GC^N\_GC

 2624 FspEI CC(N)12^NNNN\_

 2630 MspJI CNNR(N)9^NNNN\_

 2630 FspEI CC(N)12^NNNN\_

 2631 BtsIMutI CAGTG\_NN^

 2631 TspRI \_NNCASTGNN^

 2631 BtsI GCAGTG\_NN^

 2635 \* MspJI CNNR(N)9^NNNN\_

 2635 \* FspEI CC(N)12^NNNN\_

 2637 FatI ^CATG\_

 2638 CviAII C^AT\_G

 2641 NlaIII \_CATG^

 2642 MslI CAYNN|NNRTG

 2648 MspJI CNNR(N)9^NNNN\_

 2648 ApeKI G^CWG\_C

 2648 TseI G^CWG\_C

 2649 Fnu4HI GC^N\_GC

 2650 MspJI CNNR(N)9^NNNN\_

 2651 BtsIMutI CAGTG\_NN^

 2651 BtsI GCAGTG\_NN^

 2656 HpyCH4V TG|CA

 2658 TspRI \_NNCASTGNN^

 2659 MluCI ^AATT\_

 2660 BbvI GCAGC(N)8^NNNN\_

 2665 \* FokI GGATG(N)9^NNNN\_

 2667 \* MspJI CNNR(N)9^NNNN\_

 2669 MspJI CNNR(N)9^NNNN\_

 2671 MspJI CNNR(N)9^NNNN\_

 2671 HpyCH4III AC\_N^GT

 2673 FatI ^CATG\_

 2674 CviAII C^AT\_G

 2677 NlaIII \_CATG^

 2678 MspJI CNNR(N)9^NNNN\_

 2678 SfaNI GCATC(N)5^NNNN\_

 2678 BtsCI GGATG\_NN^

 2682 MspJI CNNR(N)9^NNNN\_

 2684 MspJI CNNR(N)9^NNNN\_

 2686 MspJI CNNR(N)9^NNNN\_

 2686 BccI CCATCNNNN^N\_

 2688 FspEI CC(N)12^NNNN\_

 2688 LpnPI CCDG(N)10^NNNN\_

 2691 FspEI CC(N)12^NNNN\_

 2693 MspJI CNNR(N)9^NNNN\_

 2695 \* MspJI CNNR(N)9^NNNN\_

 2695 \* FspEI CC(N)12^NNNN\_

 2698 Tsp45I ^GTSAC\_

 2707 BsrI ACTG\_GN^

 2710 CviQI G^TA\_C

 2711 RsaI GT|AC

 2711 ScaI AGT|ACT

 2713 MspJI CNNR(N)9^NNNN\_

 2715 MspJI CNNR(N)9^NNNN\_

 2715 MspJI CNNR(N)9^NNNN\_

 2717 HphI GGTGA(N)7\_N^

 2720 BspCNI CTCAG(N)7\_NN^

 2725 MspJI CNNR(N)9^NNNN\_

 2726 MspJI CNNR(N)9^NNNN\_

 2728 \* MspJI CNNR(N)9^NNNN\_

 2728 \* FspEI CC(N)12^NNNN\_

 2728 DdeI C^TNA\_G

 2729 Hpy188I TC\_N^GA

 2730 MspJI CNNR(N)9^NNNN\_

 2731 MspJI CNNR(N)9^NNNN\_

 2731 FspEI CC(N)12^NNNN\_

 2736 \* BcgI \_NN^(N)10CGA(N)6TGC(N)10\_NN^

 2740 MspJI CNNR(N)9^NNNN\_

 2743 \* AciI C^CG\_C

 2744 \* Fnu4HI GC^N\_GC

 2750 \* FspEI CC(N)12^NNNN\_

 2750 \* BsiEI CG\_RY^CG

 2757 \* HgaI GACGC(N)5^(N)5\_

 2761 \* FspEI CC(N)12^NNNN\_

 2762 MspJI CNNR(N)9^NNNN\_

 2762 FspEI CC(N)12^NNNN\_

 2763 \* MspJI CNNR(N)9^NNNN\_

 2763 \* FspEI CC(N)12^NNNN\_

 2763 \* StyD4I ^CCNGG\_

 2765 \* HpaII C^CG\_G

 2765 \* MspI C^CG\_G

 2765 \* ScrFI CC^N\_GG

 2765 \* NciI CC^S\_GG

 2768 \* BsaHI GR^CG\_YC

 2772 MspJI CNNR(N)9^NNNN\_

 2772 \* Hpy166II GTN|NAC

 2772 \* HincII GTY|RAC

 2776 \* MspJI CNNR(N)9^NNNN\_

 2777 MspJI CNNR(N)9^NNNN\_

 2777 FspEI CC(N)12^NNNN\_

 2778 \* FspEI CC(N)12^NNNN\_

 2778 \* LpnPI CCDG(N)10^NNNN\_

 2787 \* MspJI CNNR(N)9^NNNN\_

 2787 \* AciI C^CG\_C

 2789 \* MspJI CNNR(N)9^NNNN\_

 2789 \* HinP1I G^CG\_C

 2789 \* BstUI CG|CG

 2791 \* HhaI G\_CG^C

 2800 \* MspJI CNNR(N)9^NNNN\_

 2800 \* FspEI CC(N)12^NNNN\_

 2805 MspJI CNNR(N)9^NNNN\_

 2805 FspEI CC(N)12^NNNN\_

 2807 MspJI CNNR(N)9^NNNN\_

 2807 MseI T^TA\_A

 2808 FspEI CC(N)12^NNNN\_

 2808 DraI TTT|AAA

 2809 MspJI CNNR(N)9^NNNN\_

 2812 MspJI CNNR(N)9^NNNN\_

 2817 Bsp1286I G\_DGCH^C

 2817 BsiHKAI G\_WGCW^C

 2822 \* MspJI CNNR(N)9^NNNN\_

 2822 \* FspEI CC(N)12^NNNN\_

 2823 MspJI CNNR(N)9^NNNN\_

 2823 FspEI CC(N)12^NNNN\_

 2824 FspEI CC(N)12^NNNN\_

 2826 \* MboII GAAGA(N)7\_N^

 2828 MspJI CNNR(N)9^NNNN\_

 2830 \* HpyCH4IV A^CG\_T

 2830 \* AclI AA^CG\_TT

 2830 XmnI GAANN|NNTTC

 2836 BpuEI CTTGAG(N)14\_NN^

 2839 FspEI CC(N)12^NNNN\_

 2850 \* MspJI CNNR(N)9^NNNN\_

 2851 SmlI C^TYRA\_G

 2855 \* MspJI CNNR(N)9^NNNN\_

 2856 BfuCI ^GATC\_

 2856 # DpnII ^GATC\_

 2856 # MboI ^GATC\_

 2856 Sau3AI ^GATC\_

 2856 BstYI R^GATC\_Y

 2857 MspJI CNNR(N)9^NNNN\_

 2858 DpnI GA|TC

 2863 MspJI CNNR(N)9^NNNN\_

 2864 \* AciI C^CG\_C

 2864 # AlwI GGATCNNNN^N\_

 2865 MspJI CNNR(N)9^NNNN\_

 2866 \* MspA1I CMG|CKG

 2867 \* MspJI CNNR(N)9^NNNN\_

 2868 # AlwI GGATCNNNN^N\_

 2872 MspJI CNNR(N)9^NNNN\_

 2873 BfuCI ^GATC\_

 2873 # DpnII ^GATC\_

 2873 # MboI ^GATC\_

 2873 Sau3AI ^GATC\_

 2873 BstYI R^GATC\_Y

 2875 DpnI GA|TC

 2877 \* FspEI CC(N)12^NNNN\_

 2877 BsrI ACTG\_GN^

 2882 TaqI T^CG\_A

 2889 MspJI CNNR(N)9^NNNN\_

 2890 FspEI CC(N)12^NNNN\_

 2890 LpnPI CCDG(N)10^NNNN\_

 2895 BssSI C^ACGA\_G

 2898 \* ApaLI G^TGCA\_C

 2898 AcuI CTGAAG(N)14\_NN^

 2900 # HpyCH4V TG|CA

 2900 \*# Hpy166II GTN|NAC

 2901 MspJI CNNR(N)9^NNNN\_

 2902 Bsp1286I G\_DGCH^C

 2902 # BsiHKAI G\_WGCW^C

 2902 BaeGI G\_KGCM^C

 2903 MspJI CNNR(N)9^NNNN\_

 2904 FspEI CC(N)12^NNNN\_

 2904 # MboII GAAGA(N)7\_N^

 2905 FspEI CC(N)12^NNNN\_

 2907 \* MspJI CNNR(N)9^NNNN\_

 2909 \* MspJI CNNR(N)9^NNNN\_

 2909 BfuCI ^GATC\_

 2909 # DpnII ^GATC\_

 2909 # MboI ^GATC\_

 2909 Sau3AI ^GATC\_

 2911 DpnI GA|TC

 2915 MspJI CNNR(N)9^NNNN\_

 2916 MspJI CNNR(N)9^NNNN\_

 2916 FspEI CC(N)12^NNNN\_

 2917 FspEI CC(N)12^NNNN\_

 2920 # MspJI CNNR(N)9^NNNN\_

 2923 HphI GGTGA(N)7\_N^

 2927 SfaNI GCATC(N)5^NNNN\_

 2928 MspJI CNNR(N)9^NNNN\_

 2928 FspEI CC(N)12^NNNN\_

 2928 LpnPI CCDG(N)10^NNNN\_

 2929 FspEI CC(N)12^NNNN\_

 2930 MspJI CNNR(N)9^NNNN\_

 2934 MspJI CNNR(N)9^NNNN\_

 2943 FspEI CC(N)12^NNNN\_

 2943 LpnPI CCDG(N)10^NNNN\_

 2946 MspJI CNNR(N)9^NNNN\_

 2947 FspEI CC(N)12^NNNN\_

 2947 FspEI CC(N)12^NNNN\_

 2947 LpnPI CCDG(N)10^NNNN\_

 2955 MspJI CNNR(N)9^NNNN\_

 2955 HpyAV CCTTC(N)5\_N^

 2958 HphI GGTGA(N)7\_N^

 2964 MspJI CNNR(N)9^NNNN\_

 2966 FspEI CC(N)12^NNNN\_

 2967 FspEI CC(N)12^NNNN\_

 2970 MspJI CNNR(N)9^NNNN\_

 2973 \* AciI C^CG\_C

 2973 \* Fnu4HI GC^N\_GC

 2974 MspJI CNNR(N)9^NNNN\_

 2974 FspEI CC(N)12^NNNN\_

 2975 FspEI CC(N)12^NNNN\_

 2978 MspJI CNNR(N)9^NNNN\_

 2983 \* FspEI CC(N)12^NNNN\_

 2986 \* MspJI CNNR(N)9^NNNN\_

 2986 \* FspEI CC(N)12^NNNN\_

 2988 MspJI CNNR(N)9^NNNN\_

 3001 MslI CAYNN|NNRTG

 3009 \* MspJI CNNR(N)9^NNNN\_

 3011 \* MspJI CNNR(N)9^NNNN\_

 3013 MboII GAAGA(N)7\_N^

 3026 MspJI CNNR(N)9^NNNN\_

 3026 EarI CTCTTCN^NNN\_

 3028 MspJI CNNR(N)9^NNNN\_

 3035 SspI AAT|ATT

 3038 MspJI CNNR(N)9^NNNN\_

 3038 FspEI CC(N)12^NNNN\_

 3038 FspEI CC(N)12^NNNN\_

 3038 LpnPI CCDG(N)10^NNNN\_

 3039 FspEI CC(N)12^NNNN\_

 3055 MspJI CNNR(N)9^NNNN\_

 3057 \* FspEI CC(N)12^NNNN\_

 3065 MspJI CNNR(N)9^NNNN\_

 3066 FatI ^CATG\_

 3066 BspHI T^CATG\_A

 3067 CviAII C^AT\_G

 3067 Hpy188III TC^NN\_GA

 3068 BcoDI GTCTCN^NNNN\_

 3068 BsmAI GTCTCN^NNNN\_

 3068 BciVI GTATCC(N)5\_N^

 3069 MspJI CNNR(N)9^NNNN\_

 3070 NlaIII \_CATG^

 3072 \* AciI C^CG\_C

 3072 \* BsrBI CCG|CTC

 3077 MspJI CNNR(N)9^NNNN\_

 3079 MspJI CNNR(N)9^NNNN\_

 3080 MspJI CNNR(N)9^NNNN\_

 3085 \* MspJI CNNR(N)9^NNNN\_

 3091 MspJI CNNR(N)9^NNNN\_

 3096 FspEI CC(N)12^NNNN\_

 3097 MspJI CNNR(N)9^NNNN\_

 3097 FspEI CC(N)12^NNNN\_

 3098 FspEI CC(N)12^NNNN\_

 3104 \* MspJI CNNR(N)9^NNNN\_

 3117 \* NlaIV GGN|NCC

 3119 MspJI CNNR(N)9^NNNN\_

 3119 \* AciI C^CG\_C

 3121 \* HinP1I G^CG\_C

 3121 \* BstUI CG|CG

 3123 \* HhaI G\_CG^C

 3132 \* MspJI CNNR(N)9^NNNN\_

 3132 \* FspEI CC(N)12^NNNN\_

 3134 \* MspJI CNNR(N)9^NNNN\_

 3136 MspJI CNNR(N)9^NNNN\_

 3141 MspJI CNNR(N)9^NNNN\_

 3144 \* MspJI CNNR(N)9^NNNN\_

 3144 FspEI CC(N)12^NNNN\_

 3145 MspJI CNNR(N)9^NNNN\_

 3145 FspEI CC(N)12^NNNN\_

 3146 \* MspJI CNNR(N)9^NNNN\_

 3146 \* FspEI CC(N)12^NNNN\_

 3150 \* HpyCH4IV A^CG\_T

 3150 \* BsaHI GR^CG\_YC

 3151 \* ZraI GAC|GTC

 3153 \* AatII G\_ACGT^C

 3154 DdeI C^TNA\_G

 3156 FspEI CC(N)12^NNNN\_

 3158 MspJI CNNR(N)9^NNNN\_

 3159 MspJI CNNR(N)9^NNNN\_

 3159 FspEI CC(N)12^NNNN\_

 3159 LpnPI CCDG(N)10^NNNN\_

 3166 MspJI CNNR(N)9^NNNN\_

 3171 FatI ^CATG\_

 3171 BspHI T^CATG\_A

 3172 CviAII C^AT\_G

 3172 Hpy188III TC^NN\_GA

 3175 FspEI CC(N)12^NNNN\_

 3175 NlaIII \_CATG^

 3178 FspEI CC(N)12^NNNN\_

 3179 MspJI CNNR(N)9^NNNN\_

 3179 MseI T^TA\_A

 3184 MspJI CNNR(N)9^NNNN\_

 3190 FspEI CC(N)12^NNNN\_

 3195 MspJI CNNR(N)9^NNNN\_

 3196 FspEI CC(N)12^NNNN\_

 3198 MnlI CCTC(N)6\_N^

 3199 \* MspJI CNNR(N)9^NNNN\_

 3202 \* Hpy188III TC^NN\_GA

 3202 BssSI C^ACGA\_G

 3207 Sau96I G^GNC\_C

 3207 EcoO109I RG^GNC\_CY

 3208 CviKI-1 RG|CY

 3208 HaeIII GG|CC

 3209 \* MspJI CNNR(N)9^NNNN\_

 3209 MboII GAAGA(N)7\_N^

 3209 BbsI GAAGACNN^NNNN\_

 3212 FspEI CC(N)12^NNNN\_

 3213 MspJI CNNR(N)9^NNNN\_

 3214 \* MspJI CNNR(N)9^NNNN\_

 3216 \* MspJI CNNR(N)9^NNNN\_

 3221 Hpy188III TC^NN\_GA

 3222 FspEI CC(N)12^NNNN\_

 3223 FspEI CC(N)12^NNNN\_

 3224 MspJI CNNR(N)9^NNNN\_

 3224 MluCI ^AATT\_