

## RESTRICTION ENDONUCLEASES

| Enzyme  | Prototype | Recognition sequence   | Cat. No. | Package u.a. |
|---------|-----------|--|----------|--------------|
| Aat II  | Aat II    | GACGT <sup>^</sup> C<br>C <sup>^</sup> TGCAG                                 | E287     | 500          |
|         |           |  | E288     | 2500         |
| Abs I   | Abs I     | CC <sup>^</sup> TGCAGG<br>GGAGCT <sup>^</sup> CC                             | E535     | 50           |
|         |           |  | E536     | 250          |
| Acc16 I | Mst I     | TGC <sup>^</sup> GCA<br>ACG <sup>^</sup> CGT                                 | E001     | 200          |
|         |           |  | E002     | 1000         |
| Acc36 I | BspM I    | ACCTGC(N) <sub>4</sub> <sup>^</sup><br>TGGACG(N) <sub>8</sub> <sup>^</sup>   | E289     | 100          |
|         |           |  | E290     | 500          |
| Acc65 I | (Kpn I)   | G <sup>^</sup> GTACC<br>CCATG <sup>^</sup> G                                 | E003     | 1000         |
|         |           |  | E004     | 5000         |
| AccB1 I | HgiC I    | G <sup>^</sup> GYRCC<br>CCRYG <sup>^</sup> G                                 | E163     | 500          |
|         |           |  | E164     | 2500         |
| AccB7 I | PfiM I    | CCANNNN <sup>^</sup> NTGG<br>GGTN <sup>^</sup> NNNNACC                       | E179     | 200          |
|         |           |  | E180     | 1000         |
| AccBS I | BsrB I    | GAG <sup>^</sup> CGG<br>CTC <sup>^</sup> GCC                                 | E007     | 1000         |
|         |           |  | E008     | 5000         |
| Acl I   | Acl I     | AA <sup>^</sup> CGTT<br>TTGC <sup>^</sup> AA                                 | E011     | 200          |
|         |           |  | E012     | 1000         |
| AclW I  | Bin I     | GGATC(N) <sub>4</sub> <sup>^</sup><br>CCTAG(N) <sub>5</sub> <sup>^</sup>     | E211     | 100          |
|         |           |  | E212     | 500          |
| Aco I   | Cfr I     | Y <sup>^</sup> GGCCR<br>RCCGG <sup>^</sup> Y                                 | E499     | 100          |
|         |           |  | E500     | 500          |
| Acs I   | Apo I     | R <sup>^</sup> AATTY<br>YTAA <sup>^</sup> R                                  | E013     | 500          |
|         |           |  | E014     | 2500         |
| Acu I   | Eco57 I   | CTGAAG(N) <sub>16</sub> <sup>^</sup><br>GACTTC(N) <sub>14</sub> <sup>^</sup> | E451     | 50           |
|         |           |  | E452     | 250          |
| Afe I   | Eco47 III | AGC <sup>^</sup> GCT<br>TCG <sup>^</sup> CGA                                 | E213     | 200          |
|         |           |  | E214     | 1000         |
|         |           |  | E214X    | 1000         |
| Ahl I   | Spe I     | A <sup>^</sup> CTAGT<br>TGATC <sup>^</sup> A                                 | E173     | 1000         |
|         |           |  | E174     | 5000         |
| Ajn I   | EcoR II   | <sup>^</sup> CCWGG<br>GGWCC <sup>^</sup>                                     | E473     | 200          |
|         |           |  | E474     | 1000         |
| Alu I   | Alu I     | AG <sup>^</sup> CT<br>TC <sup>^</sup> GA                                     | E015     | 200          |
|         |           |  | E016     | 1000         |
| AluB I  | Alu I     | AG <sup>^</sup> CT<br>TC <sup>^</sup> GA                                     | E549     | 200          |
|         |           |  | E550     | 1000         |
| Ama87 I | Ava I     | C <sup>^</sup> YCGRG<br>GRGCY <sup>^</sup> C                                 | E017     | 1000         |
|         |           |  | E018     | 5000         |
| Apa I   | Apa I     | GGGCC <sup>^</sup> C<br>C <sup>^</sup> CCGGG                                 | E019     | 1000         |
|         |           |  | E020     | 5000         |
| AsiG I  | Age I     | A <sup>^</sup> CCGGT<br>TGGCC <sup>^</sup> A                                 | E235     | 100          |
|         |           |  | E236     | 500          |

|          |         |  |       |       |
|----------|---------|--|-------|-------|
| AspA2 I  | Avr II  | C <sup>^</sup> CTAGG<br>GGATC <sup>^</sup> C   | E245  | 500   |
|          |         |  | E246  | 2500  |
| AspLE I  | Hha I   | GCG <sup>^</sup> C<br>C <sup>^</sup> GCG   | E221  | 500   |
|          |         |  | E222  | 2500  |
| AspS9 I  | Sau96 I | G <sup>^</sup> GNCC<br>CCNG <sup>^</sup> G   | E117  | 1000  |
|          |         |  | E118  | 5000  |
| AsuC2 I  | Cau II  | CC <sup>^</sup> SGG<br>GGS <sup>^</sup> CC   | E257  | 2000  |
|          |         |  | E258  | 10000 |
| AsuHP I  | Hph I   | GGTGA(N) <sub>8</sub> <sup>^</sup><br>C <sup>^</sup> CACT(N) <sub>7</sub> <sup>^</sup>   | E231  | 200   |
|          |         |  | E232  | 1000  |
| AsuNH I  | Nhe I   | G <sup>^</sup> CTAGC<br>CGATC <sup>^</sup> G   | E063  | 500   |
|          |         |  | E064  | 2500  |
| BamH I   | BamH I  | G <sup>^</sup> GATCC<br>CCTAG <sup>^</sup> G   | E021  | 4000  |
|          |         |  | E022  | 20000 |
|          |         |  | E021X | 4000  |
|          |         |  | E022X | 20000 |
|          |         |  |       |       |
| Bar I    | Bar I   | <sup>^</sup> (N) <sub>7</sub> GAAG(N) <sub>6</sub> TAC(N) <sub>12</sub> <sup>^</sup><br><sup>^</sup> (N) <sub>12</sub> CTTC(N) <sub>6</sub> ATG(N) <sub>7</sub> <sup>^</sup> | E547  | 100   |
|          |         |  | E548  | 500   |
| Bbv12 I  | HgiA I  | GWGCW <sup>^</sup> C<br>C <sup>^</sup> WCGWG   | E023  | 200   |
|          |         |  | E024  | 1000  |
| Bgl I    | Bgl I   | GCCNNNN <sup>^</sup> NGGC<br>CGGN <sup>^</sup> NNNNCCG   | E025  | 1000  |
|          |         |  | E026  | 5000  |
| Bgl II   | Bgl II  | A <sup>^</sup> GATCT<br>TCTAG <sup>^</sup> A   | E027  | 1000  |
|          |         |  | E028  | 5000  |
| Bis I    | Bis I   | G(5mC) <sup>^</sup> NGC<br>CGN <sup>^</sup> (5mC)G   | E485  | 40    |
|          |         |  | E486  | 200   |
| Bls I    | Bls I   | G(5mC)N <sup>^</sup> GC<br>(5mC)G <sup>^</sup> N(5mC)G   | E533  | 100   |
|          |         |  | E534  | 500   |
| Bme18 I  | Ava II  | G <sup>^</sup> GWCC<br>CCWG <sup>^</sup> G   | E029  | 1000  |
|          |         |  | E030  | 5000  |
| Bmt I    | Nhe I   | GCTAG <sup>^</sup> C<br>C <sup>^</sup> GATCG   | E457  | 1000  |
|          |         |  | E458  | 5000  |
| Bmu I    | Bfi I   | ACTGGG(N) <sub>5</sub> <sup>^</sup><br>TGACCC(N) <sub>4</sub> <sup>^</sup>   | E487  | 100   |
|          |         |  | E488  | 500   |
| Bpm I    | Gsu I   | CTGGAG(N) <sub>16</sub> <sup>^</sup><br>GACCTC(N) <sub>14</sub> <sup>^</sup>   | E467  | 50    |
|          |         |  | E468  | 250   |
| Bpu10 I  | Bpu10 I | CC <sup>^</sup> TNAGC<br>GGANT <sup>^</sup> CG   | E149  | 200   |
|          |         |  | E150  | 1000  |
| Bpu14 I  | Asu II  | TT <sup>^</sup> CGAA<br>AAGC <sup>^</sup> TT   | E033  | 1000  |
|          |         |  | E034  | 5000  |
| Bsa29 I  | Cla I   | AT <sup>^</sup> CGAT<br>TAGC <sup>^</sup> TA   | E205  | 1000  |
|          |         |  | E206  | 5000  |
| Bsc4 I   | BsiY I  | CCNNNN <sup>^</sup> NNGG<br>GGNN <sup>^</sup> NNNNCC   | E219  | 500   |
|          |         |  | E220  | 2500  |
| Bse1 I   | Bsr I   | ACTGGN <sup>^</sup><br>TGAC <sup>^</sup> CN  | E035  | 500   |
|          |         |  | E036  | 2500  |
| Bse118 I | Cfr10 I | R <sup>^</sup> CCGGY<br>YGGCC <sup>^</sup> R   | E039  | 200   |
|          |         |  | E040  | 1000  |
| Bse21 I  | Sau I   | CC <sup>^</sup> TNAGG<br>GGANT <sup>^</sup> CC   | E037  | 500   |
|          |         |  | E038  | 2500  |
| Bse3D I  | BsrD I  | GCAATGNN <sup>^</sup><br>CGTTAC <sup>^</sup> NN  | E253  | 200   |
|          |         |  | E254  | 1000  |
| Bse8 I   | BsaB I  | GATNN <sup>^</sup> NNATC<br>CTANN <sup>^</sup> NNTAG   | E147  | 1000  |
|          |         |  | E148  | 5000  |
|          |         | G <sup>^</sup> CGCGC   | E181  | 200   |

|           |           |                          |      |      |
|-----------|-----------|--------------------------|------|------|
| BseP I    | BseP I    | CGCGC^G                  | E182 | 1000 |
| BseX3 I   | Xma III   | C^GGCCG                  | E263 | 200  |
|           |           | GCCGG^C                  | E264 | 1000 |
| BsfI I    | Fin I     | GGGAC(N) <sub>10</sub> ^ | E479 | 100  |
|           |           | CCCTG(N) <sub>14</sub> ^ | E480 | 500  |
|           |           | GGGAC(N) <sub>11</sub> ^ |      |      |
| Bso31I    | Eco31I    | GGTCTCN^                 | E285 | 100  |
|           |           | CCAGAG(N) <sub>5</sub> ^ | E286 | 500  |
| Bsp13 I   | BspM II   | T^CCGGA                  | E183 | 500  |
|           |           | AGGCC^T                  | E184 | 2500 |
| Bsp1720 I | Esp I     | GC^TNAGC                 | E185 | 100  |
|           |           | CGANT^CG                 | E186 | 500  |
| Bsp19 I   | Nco I     | C^CATGG                  | E047 | 500  |
|           |           | GGTAC^C                  | E048 | 2500 |
| BspAC I   | Aci I     | C^CGC                    | E501 | 200  |
|           |           | GGC^G                    | E502 | 1000 |
| BspFN I   | FnuD II   | CG^CG                    | E557 | 500  |
|           |           | GC^GC                    | E558 | 2500 |
| BssEC I   | Sec I     | C^CNNGG                  | E273 | 200  |
|           |           | GGNNC^C                  | E274 | 1000 |
| BssNA I   | Sna I     | GTA^TAC                  | E261 | 1000 |
|           |           | CAT^ATG                  | E262 | 5000 |
| BssT1 I   | Sty I     | C^CWWGG                  | E207 | 1000 |
|           |           | GGWWC^C                  | E208 | 5000 |
| Bst2B I   | Bsi I     | C^TCGTG                  | E043 | 200  |
|           |           | GAGCA^C                  | E044 | 1000 |
| Bst2U I   | BstN I    | CC^WGG                   | E051 | 1000 |
|           |           | GGW^CC                   | E052 | 5000 |
| Bst4C I   | Tsp4C I   | ACN^GT                   | E265 | 200  |
|           |           | TG^NCA                   | E266 | 1000 |
| Bst6 I    | Ksp632 I  | CTCTTCN^                 | E239 | 200  |
|           |           | GAGAAG(N) <sub>4</sub> ^ | E240 | 1000 |
| BstAC I   | Acy I     | GR^CGYC                  | E093 | 500  |
|           |           | CYGC^RG                  | E094 | 2500 |
| BstAF I   | Afl II    | C^TTAAG                  | E135 | 1000 |
|           |           | GAATT^C                  | E136 | 5000 |
| BstAP I   | (ApaB I)  | GCANNNN^NTGC             | E259 | 200  |
|           |           | CGTN^NNNNACG             | E260 | 1000 |
| BstAU I   | Bsp1407 I | T^GTACA                  | E267 | 500  |
|           |           | ACATG^T                  | E268 | 2500 |
| BstBA I   | BsaA I    | YAC^GTR                  | E237 | 500  |
|           |           | RTG^CAY                  | E238 | 2500 |
| BstC8 I   | Cac8 I    | GCN^NGC                  | E305 | 200  |
|           |           | CGN^NCG                  | E306 | 1000 |
| BstDE I   | Dde I     | C^TNAG                   | E227 | 500  |
|           |           | GANT^C                   | E228 | 2500 |
| BstDS I   | Dsa I     | C^CRYGG                  | E083 | 1000 |
|           |           | GGYRC^C                  | E084 | 5000 |
| BstEN I   | EcoN I    | CCTNN^NNNAGG             | E103 | 200  |
|           |           | GGANNN^NNTCC             | E104 | 1000 |
| BstF5 I   | (Fok I)   | GGATGNN^                 | E031 | 500  |
|           |           | CCTAC^NN                 | E032 | 2500 |
| BstFN I   | FnuD II   | CG^CG                    | E283 | 300  |
|           |           | GC^GC                    | E284 | 1500 |

|          |           |  |       |       |
|----------|-----------|--|-------|-------|
| BstH2 I  | Hae II    | RGCGC^Y<br>Y^ACGGR                                   | E171  | 500   |
|          |           |  | E172  | 2500  |
| BstHH I  | Hha I     | GCG^C<br>C^GCG                                       | E143  | 2000  |
|          |           |  | E144  | 10000 |
| BstKT I  | Mbo I     | GAT^C<br>C^TAG                                       | E151  | 200   |
|          |           |  | E152  | 1000  |
| BstMA I  | BsmA I    | GTCTCN^<br>CAGAG(N) <sub>5</sub> ^                   | E291  | 2000  |
|          |           |  | E292  | 10000 |
| BstMB I  | Mbo I     | ^GATC<br>CTAG^                                       | E119  | 200   |
|          |           |  | E120  | 1000  |
| BstMC I  | Mcr I     | CGRY^CG<br>GC^YRGC                                   | E071  | 500   |
|          |           |  | E072  | 2500  |
| BstMW I  | Mwo I     | GCNNNNN^NNGC<br>CGNN^NNNNNCG                         | E459  | 500   |
|          |           |  | E460  | 2500  |
| BstNS I  | Nsp I     | RCATG^Y<br>Y^GTACR                                   | E251  | 200   |
|          |           |  | E252  | 1000  |
| BstPA I  | PshA I    | GACNN^NNGTC<br>CTGNN^NNCAG                           | E299  | 1000  |
|          |           |  | E300  | 5000  |
| BstSC I  | ScrF I    | ^CCNGG<br>GGNCC^                                     | E307  | 100   |
|          |           |  | E308  | 500   |
| BstSF I  | Sfe I     | C^TRYAG<br>GAYRT^C                                   | E197  | 200   |
|          |           |  | E198  | 1000  |
| BstSL I  | BseS I    | GKGC M^C<br>C^MCGKG                                  | E561  | 200   |
|          |           |  | E562  | 1000  |
| BstSN I  | SnaB I    | TAC^GTA<br>ATG^CAT                                   | E065  | 200   |
|          |           |  | E066  | 1000  |
| BstV1 I  | Bbv I     | GCAGC(N) <sub>8</sub> ^<br>CGTCG(N) <sub>12</sub> ^  | E303  | 100   |
|          |           |  | E304  | 500   |
| BstV2 I  | Bbv II    | GAAGAC(N) <sub>2</sub> ^<br>CTTCTG(N) <sub>6</sub> ^ | E297  | 200   |
|          |           |  | E298  | 1000  |
| BstX I   | BstX I    | CCANNNNN^NTGG<br>GGTN^NNNNNACC                       | E455  | 200   |
|          |           |  | E456  | 1000  |
| BstX2 I  | Xho II    | R^GATCY<br>YCTAG^R                                   | E229  | 500   |
|          |           |  | E230  | 2500  |
| BsuR I   | Hae III   | GG^CC<br>CC^GG                                       | E053  | 1000  |
|          |           |  | E054  | 5000  |
| Btr I    | Btr I     | CAC^GTC<br>GTG^CAG                                   | E277  | 100   |
|          |           |  | E278  | 500   |
| Cci I    | BspH I    | T^CATGA<br>AGTAC^T                                   | E565  | 1000  |
|          |           |  | E566  | 5000  |
| CciN I   | Not I     | GC^GGCCGC<br>CGCCGG^CG                               | E203  | 200   |
|          |           |  | E204  | 1000  |
| Dra I    | Aha III   | TTT^AAA<br>AAA^TTT                                   | E055  | 1000  |
|          |           |  | E056  | 5000  |
| Dra III  | Dra III   | CACNNN^GTG<br>GTG^NNNCAC                             | E309  | 500   |
|          |           |  | E310  | 2500  |
| Dri I    | Eam1105 I | GACNNN^NNGTC<br>CTGNN^NNNCAG                         | E193  | 200   |
|          |           |  | E194  | 1000  |
| DseD I   | Drd I     | GACNNNN^NNGTC<br>CTGNN^NNNNCAG                       | E241  | 500   |
|          |           |  | E242  | 2500  |
| EcoICR I | Sac I     | GAG^CTC<br>CTC^GAG                                   | E469  | 200   |
|          |           |  | E470  | 1000  |
| EcoR I   | EcoR I    | G^AATTC<br>CTTAA^G                                   | E057  | 5000  |
|          |           |  | E058  | 25000 |
|          |           |  | E057X | 5000  |
|          |           |  | E058X | 25000 |
|          |           |  |       |       |

|          |          |  |       |       |
|----------|----------|--|-------|-------|
| EcoR V   | EcoR V   | GAT^ATC  | E059  | 2000  |
|          |          | CTA^TAG  | E060  | 10000 |
| Ege I    | Nar I    | GGC^GCC  | E243  | 200   |
|          |          | CCG^CGG  | E244  | 1000  |
| Erh I    | Sty I    | C^CWWGG  | E061  | 1000  |
|          |          | GGWWC^C  | E062  | 5000  |
| Fae I    | Nla III  | CATG^  | E495  | 50    |
|          |          | ^GTAC  | E496  | 250   |
| Fai I    | Fai I    | YA^TR  | E551  | 50    |
|          |          | RT^AY  | E552  | 250   |
| Fal I    | Fal I    | ^(N) <sub>8</sub> AAGNNNNNCTT(N) <sub>13</sub> ^ | E153  | 100   |
|          |          | ^(N) <sub>13</sub> TTCNNNNNGAA(N) <sub>8</sub> ^ | E154  | 500   |
| Fat I    | Nla III  | ^CATG  | E155  | 50    |
|          |          | GTAC^  | E156  | 250   |
| Fau I    | Fau I    | CCCGC(N) <sub>4</sub> ^                          | E209  | 100   |
|          |          | GGGCG(N) <sub>6</sub> ^                          | E210  | 500   |
| FauND I  | Nde I    | CA^TATG  | E009  | 500   |
|          |          | GTAT^AC  | E010  | 2500  |
| Fbl I    | Acc I    | GT^MKAC  | E271  | 100   |
|          |          | CAKM^TG  | E272  | 500   |
| Fok I    | Fok I    | GGATG(N) <sub>9</sub> ^                          | E247  | 100   |
|          |          | CCTAC(N) <sub>13</sub> ^                         | E248  | 500   |
| FriO I   | Ban II   | GRGCY^C  | E157  | 1000  |
|          |          | C^YCGRG  | E158  | 5000  |
| Fsp4H I  | Fnu4H I  | GC^NGC   | E095  | 100   |
|          |          | CGN^CG   | E096  | 500   |
| Gla I    | Gla I    | G(5mC)^G(5mC)                                    | E493  | 100   |
|          |          | (5mC)G^(5mC)G                                    | E494  | 500   |
| Glu I    | Glu I    | (5mC)G(5mC)^NG(5mC)G                             | E519  | 100   |
|          |          | G(5mC)GN^(5mC)G(5mC)                             | E520  | 500   |
| Gsa I    | BseY I   | CCCAG^C  | E563  | 1000  |
|          |          | G^GGTCG  | E564  | 5000  |
| Hae III  | Hae III  | GG^CC  | E067  | 2000  |
|          |          | CC^GG  | E068  | 10000 |
|          |          |  | E068X | 10000 |
| Hga I    | Hga I    | GACGC(N) <sub>5</sub> ^                          | E461  | 50    |
|          |          | CTGCG(N) <sub>10</sub> ^                         | E462  | 250   |
| Hind II  | Hind II  | GTY^RAC  | E201  | 1000  |
|          |          | CAR^YTG  | E202  | 5000  |
|          |          |  | E073  | 5000  |
|          |          |  | E074  | 25000 |
| Hind III | Hind III | A^AGCTT  | E073X | 5000  |
|          |          | TTCGA^A  | E074X | 25000 |
|          |          |  | E075  | 1000  |
|          |          |  | E076  | 5000  |
| Hinf I   | Hinf I   | G^ANTC   | E075X | 1000  |
|          |          | CTNA^G   | E076X | 5000  |
| Hpa I    | Hpa I    | GTT^AAC  | E077  | 500   |
|          |          | CAA^TTG  | E078  | 2500  |
| Hpa II   | Hpa II   | C^CGG  | E161  | 500   |
|          |          | GGC^C  | E162  | 2500  |
| HspA I   | (Hha I)  | G^CGC  | E069  | 1000  |
|          |          | CGC^G  | E070  | 5000  |
|          |          |  | E079  | 2000  |
|          |          |  | E080  | 10000 |

|           |           |                           |       |       |
|-----------|-----------|---------------------------|-------|-------|
| Kpn I     | Kpn I     | GGTAC^C                   | E079X | 2000  |
|           |           | C^CATGG                   | E080X | 10000 |
| Ksp22 I   | Bcl I     | T^GATCA                   | E081  | 1000  |
|           |           | ACTAG^T                   | E082  | 5000  |
| Kzo9 I    | Mbo I     | ^GATC                     | E187  | 200   |
|           |           | CTAG^                     | E188  | 1000  |
| Mab I     | SexA I    | A^CCWGGT                  | E121  | 200   |
|           |           | TGGWCC^A                  | E122  | 1000  |
| Mal I     | Dpn I     | G(mA)^TC                  | E489  | 50    |
|           |           | CT^(mA)G                  | E490  | 250   |
| Mbo II    | Mbo II    | GAAGA(N) <sub>8</sub> ^   | E471  | 200   |
|           |           | CTTCT(N) <sub>7</sub> ^   | E472  | 1000  |
| Mhl I     | Sdu I     | GDGCH^C                   | E049  | 500   |
|           |           | C^HCGDG                   | E050  | 2500  |
| Mlu I     | Mlu I     | A^CGCGT                   | E085  | 1000  |
|           |           | TGCGC^A                   | E086  | 5000  |
| Mly113 I  | Nar I     | GG^CGCC                   | E189  | 200   |
|           |           | CCGC^GG                   | E190  | 1000  |
| Mnl I     | Mnl I     | CCTC(N) <sub>7</sub> ^    | E481  | 500   |
|           |           | GGAG(N) <sub>6</sub> ^    | E482  | 2500  |
| MroN I    | (Nae I)   | G^CCGGC                   | E087  | 500   |
|           |           | CGGCC^G                   | E088  | 2500  |
| MroX I    | Xmn I     | GAANN^NNTTC               | E249  | 200   |
|           |           | CTTNN^NNAAG               | E250  | 1000  |
| Msp I     | Hpa II    | C^CGG                     | E091  | 1000  |
|           |           | GGC^C                     | E092  | 5000  |
| Msp20 I   | Bal I     | TGG^CCA                   | E301  | 100   |
|           |           | ACC^GGT                   | E302  | 500   |
| MspA1 I   | NspB II   | CMG^CKG                   | E191  | 500   |
|           |           | GKC^GMC                   | E192  | 2500  |
| MspR9 I   | ScrF I    | CC^NGG                    | E175  | 500   |
|           |           | GGN^CC                    | E176  | 2500  |
| Nru I     | Nru I     | TCG^CGA                   | E099  | 500   |
|           |           | AGC^GCT                   | E100  | 2500  |
| PalA I    | Asc I     | GG^CGCGCC                 | E483  | 100   |
|           |           | CCGCGC^GG                 | E484  | 500   |
| Pce I     | Stu I     | AGG^CCT                   | E105  | 1000  |
|           |           | TCC^GGA                   | E106  | 5000  |
| Pci I     | BspLU11 I | A^CATGT                   | E275  | 200   |
|           |           | TGTAC^A                   | E276  | 1000  |
| PciS I    | Sap I     | GCTCTTCN^                 | E497  | 50    |
|           |           | CGAGAAG(N) <sub>4</sub> ^ | E498  | 250   |
| Pct I     | Bsm I     | GAATGCN^                  | E045  | 1000  |
|           |           | CTTAC^GN                  | E046  | 5000  |
| Ple19 I   | Pvu I     | CGAT^CG                   | E195  | 100   |
|           |           | GC^TAGC                   | E196  | 500   |
| Pps I     | Ple I     | GAGTC(N) <sub>4</sub> ^   | E269  | 25    |
|           |           | CTCAG(N) <sub>5</sub> ^   | E270  | 125   |
| Psi I     | Psi I     | TTA^TAA                   | E279  | 100   |
|           |           | AAT^ATT                   | E280  | 500   |
| Psp124B I | Sac I     | GAGCT^C                   | E107  | 1000  |
|           |           | C^TCGAG                   | E108  | 5000  |
| Psp6 I    | EcoR II   | ^CCWGG                    | E453  | 100   |
|           |           | GGWCC^                    | E454  | 500   |
|           |           | CAC^GTG                   | E475  | 2000  |

|          |           |   |       |       |
|----------|-----------|---|-------|-------|
| PspC I   | PmaC I    | GTG^CAC   | E476  | 10000 |
| PspE I   | BstE II   | G^GTNACC  | E169  | 2000  |
|          |           | CCANTG^G  | E170  | 10000 |
| PspL I   | Spl I     | C^GTACG   | E223  | 300   |
|          |           | GCATG^C   | E224  | 1500  |
| PspN4 I  | Nla IV    | GGN^NCC   | E089  | 1000  |
|          |           | CCN^ANGG  | E090  | 5000  |
| PspOM I  | (Apa I)   | G^GGCCC   | E215  | 1500  |
|          |           | CCCGG^G   | E216  | 7500  |
| PspPP I  | PpuM I    | RG^GWCCY  | E255  | 100   |
|          |           | YCCWG^GR  | E256  | 500   |
| PspX I   | PspX I    | VC^TCGAGB<br>BGAGCT^CV  | E477  | 200   |
|          |           |   | E478  | 1000  |
|          |           |   | E478X | 1000  |
| Psr I    | Psr I     | ^(N) <sub>7</sub> GAACNNNNNTAC(N) <sub>12</sub> ^<br>^(N) <sub>12</sub> CTTGNNNNNNATG(N) <sub>7</sub> ^ | E131  | 100   |
|          |           |   | E132  | 500   |
| Pst I    | Pst I     | CTGCA^G<br>G^ACGTC  | E109  | 4000  |
|          |           |   | E110  | 20000 |
|          |           |   | E109X | 4000  |
|          |           |   | E110X | 20000 |
| Pvu II   | Pvu II    | CAG^CTG<br>GTC^GAC  | E111  | 2000  |
|          |           |   | E112  | 10000 |
| Rga I    | Sgf I     | GCGAT^CGC<br>CGC^TAGCG  | E491  | 200   |
|          |           |   | E492  | 1000  |
| Rig I    | Fse I     | GGCCGG^CC<br>CC^GGCCGG  | E529  | 100   |
|          |           |   | E530  | 500   |
| Rsa I    | Rsa I     | GT^AC<br>CA^TG  | E113  | 1000  |
|          |           |   | E114  | 5000  |
| RsaN I   | Rsa I     | G^TAC<br>CAT^G  | E555  | 200   |
|          |           |   | E556  | 1000  |
| Rsr2 I   | Rsr II    | CG^GWCCG<br>GCCWG^GC  | E281  | 1000  |
|          |           |   | E282  | 5000  |
| Sal I    | Sal I     | G^TCGAC<br>CAGCT^G  | E115  | 2000  |
|          |           |   | E116  | 10000 |
| Sbf I    | Sse8387 I | CCTGCA^GG<br>GG^ACGTCC  | E101  | 200   |
|          |           |   | E102  | 1000  |
| Set I    | Set I     | ASST^<br>^TSSA  | E537  | 200   |
|          |           |   | E538  | 1000  |
|          |           |   | E538X | 1000  |
| SfaN I   | SfaN I    | GCATC(N) <sub>5</sub> ^<br>CGTAG(N) <sub>9</sub> ^  | E165  | 500   |
|          |           |   | E166  | 2500  |
| Sfi I    | Sfi I     | GGCCNNNN^NGGCC<br>CCGGN^NNNNCCGG  | E123  | 1000  |
|          |           |   | E124  | 5000  |
|          |           |   | E123X | 1000  |
|          |           |   | E124X | 5000  |
| Sfr274 I | Xho I     | C^TCGAG<br>GAGCT^C  | E125  | 2000  |
|          |           |   | E126  | 10000 |
| Sfr303 I | Sac II    | CCGC^GG<br>GG^CGCC  | E127  | 1000  |
|          |           |   | E128  | 5000  |
| Sma I    | Sma I     | CCC^GGG<br>GGG^CCC  | E177  | 2000  |
|          |           |   | E178  | 10000 |
| Smi I    | Swa I     | ATTT^AAAT<br>TAAA^TTTA  | E225  | 1000  |
|          |           |   | E226  | 5000  |
| SmiM I   | Msl I     | CAYNN^NNRTG<br>GTRNN^NNYAC  | E293  | 200   |
|          |           |   | E294  | 1000  |
|          |           | GCATG^C   | E129  | 500   |

|          |          |  |       |       |
|----------|----------|--|-------|-------|
| Sph I    | Sph I    | C <sup>^</sup> GTACG                               | E130  | 2500  |
| Sse9 I   | Tsp509 I | <sup>^</sup> AATT<br>TTAA <sup>^</sup>             | E217  | 500   |
|          |          |  | E218  | 2500  |
| Ssp I    | Ssp I    | AAT <sup>^</sup> ATT<br>TTA <sup>^</sup> TAA       | E041  | 500   |
|          |          |  | E042  | 2500  |
| Taq I    | Taq I    | T <sup>^</sup> CGA<br>AGC <sup>^</sup> T           | E133  | 2000  |
|          |          |  | E134  | 10000 |
| Tru9 I   | Mse I    | T <sup>^</sup> TAA<br>AAT <sup>^</sup> T           | E199  | 500   |
|          |          |  | E200  | 2500  |
| Tth111 I | Tth111 I | GACN <sup>^</sup> NNGTC<br>CTGNN <sup>^</sup> NCAG | E097  | 400   |
|          |          |  | E098  | 2000  |
| Vne I    | ApaL I   | G <sup>^</sup> TGCAC<br>CACGT <sup>^</sup> G       | E137  | 1000  |
|          |          |  | E138  | 5000  |
| Vsp I    | Vsp I    | AT <sup>^</sup> TAAT<br>TAAT <sup>^</sup> TA       | E139  | 1000  |
|          |          |  | E140  | 5000  |
| Xba I    | Xba I    | T <sup>^</sup> CTAGA<br>AGATC <sup>^</sup> T       | E141  | 2000  |
|          |          |  | E142  | 10000 |
|          |          |  | E141X | 2000  |
|          |          |  | E142X | 10000 |
|          |          |  |       |       |
| Xma I    | Xma I    | C <sup>^</sup> CCGGG<br>GGGCC <sup>^</sup> C       | E233  | 300   |
|          |          |  | E234  | 1500  |
| Zra I    | (Aat II) | GAC <sup>^</sup> GTC<br>CTG <sup>^</sup> CAG       | E463  | 200   |
|          |          |  | E464  | 1000  |
| Zrm I    | Sca I    | AGT <sup>^</sup> ACT<br>TCA <sup>^</sup> TGA       | E005  | 600   |
|          |          |  | E006  | 3000  |
| Zsp2 I   | Nsi I    | ATGCA <sup>^</sup> T<br>T <sup>^</sup> ACGTA       | E145  | 1000  |
|          |          |  | E146  | 5000  |

### NICKASE

|          |                           |      |     |
|----------|---------------------------|------|-----|
| N.Bst9 I | GAGTCNNNN <sup>^</sup> NN | E401 | 100 |
|          | CTCAGNNNNNN               | E402 | 500 |

### DNA METHYLTRANSFERASES

|            |           |      |     |
|------------|-----------|------|-----|
| M3.BstF5 I | GG(mA)TG  | M007 | 100 |
| M.Fsp4H I  | G(5mC)NGC | M001 | 100 |
| M.HspA I   | G(5mC)GC  | M003 | 100 |

### OTHER ENZYMES

| Enzyme   | Cat.No | Package,<br>u.a. |
|--|--------|------------------|
| Alkaline Phosphatase                             | E327   | 100              |
|  | E328   | 500              |
| T4 Polynucleotidekinase                          | E311   | 500              |
|  | E312   | 2500             |
| T4 DNA Ligase                                    | E319   | 4000             |
|  | E320   | 20000            |
| Concentrated T4 DNA Ligase, (2 000 000 units/ml) | E329   | 20000            |
|  | E330   | 100000           |
| T4 RNA Ligase                                    | E349   | 1000             |
|  | E350   | 5000             |
| DNA Polymerase I E.coli, (Klenow fragment)       | E325   | 200              |
|  | E326   | 1000             |
| Taq DNA Polymerase                               | E331   | 200              |

|                               |      |       |
|-------------------------------|------|-------|
|                               | E332 | 1000  |
| Taq SE DNA Polymerase         | E313 | 200   |
|                               | E314 | 1000  |
| Hot Start Taq DNA Polymerase  | E351 | 200   |
|                               | E352 | 1000  |
| Pfu DNA Polymerase            | E353 | 200   |
|                               | E354 | 1000  |
| T4 DNA Polymerase             | E339 | 200   |
|                               | E340 | 1000  |
| M-MuIV Reverse Transcriptase  | E317 | 5000  |
|                               | E318 | 25000 |
| T7 RNA Polymerase             | E355 | 5000  |
|                               | E356 | 25000 |
| Exonuclease III               | E345 | 4000  |
|                               | E346 | 20000 |
| Uracil-DNA Glycosylase(UDG)   | E335 | 200   |
|                               | E336 | 1000  |
| Tte-inorganic pyrophosphatase | E333 | 20    |
|                               | E334 | 100   |
| Tli-inorganic pyrophosphatase | E315 | 100   |
|                               | E316 | 500   |
| Endonuclease I                | E323 | 4000  |
|                               | E324 | 20000 |
| Mung Bean Nuclease            | E322 | 1000  |
|                               |      |       |
| Nuclease BAL-31               | E321 | 100   |
|                               |      |       |

### DNSs

| Preparation                   | Cat. No. | Package, $\mu$ g |
|-------------------------------|----------|------------------|
| DNA phage lambda (dam-, dcm-) | D10      | 500              |
| DNA phage lambda              | D11      | 500              |
| DNA phage T7                  | D02      | 500              |
| DNA pBR322                    | D03      | 50               |
|                               | D04      | 250              |
| DNA pUC19                     | D05      | 50               |
|                               | D06      | 250              |

### DNA MARKERS

| Product                  | Cat.No. | Package, $\mu$ g |
|--------------------------|---------|------------------|
| Lambda DNA/HindIII       | M01     | 100              |
|                          | M02     | 500              |
| Lambda DNA/Bme18I(AvaII) | M03     | 100              |
|                          | M04     | 500              |
| Lambda DNA/BssT1I(StyI)  | M05     | 100              |
|                          | M06     | 500              |
| Lambda DNA/BglI          | M17     | 100              |
|                          | M18     | 500              |

|                                   |     |     |
|-----------------------------------|-----|-----|
| Lambda DNA/BstEII                 | M09 | 100 |
|                                   | M10 | 500 |
| pUC19/MspI                        | M07 | 50  |
|                                   | M08 | 250 |
| pUC19/Kzo9I                       | M13 | 50  |
|                                   | M14 | 250 |
| pBR322/AluI                       | M19 | 50  |
|                                   | M20 | 250 |
| pBR322/BsuRI                      | M21 | 50  |
|                                   | M22 | 250 |
| 1 Kb DNA Ladder                   | M11 | 50  |
|                                   | M12 | 250 |
| 100 bp DNA Ladder                 | M15 | 50  |
|                                   | M16 | 250 |
| 100 bp+1.5 Kb DNA Ladder          | M23 | 50  |
|                                   | M24 | 250 |
| 100 bp + 1.5 Kb + 3 Kb DNA Ladder | M27 | 50  |
|                                   | M28 | 250 |
| 100 bp + 2 Kb + 3 Kb DNA Ladder   | M25 | 50  |
|                                   | M26 | 250 |

### NUCLEOTIDES

| Nucleotide                         | Cat. No. | Package,<br>μl |
|------------------------------------|----------|----------------|
| dATP, 100mM water solution, 5 μmol | N011     | 50             |
| 25 μmol                            | N012     | 250            |
| dCTP, 100mM water solution, 5 μmol | N013     | 50             |
| 25 μmol                            | N014     | 250            |
| dGTP, 100mM water solution, 5 μmol | N015     | 50             |
| 25 μmol                            | N016     | 250            |
| dTTP, 100mM water solution, 5 μmol | N017     | 50             |
| 25 μmol                            | N018     | 250            |
| dUTP, 100mM water solution, 5 μmol | N031     | 50             |
| 25 μmol                            | N032     | 250            |
| dNTP Mix, 0.5mM solution of each   | N024     | 1000           |
| 0.5 μmol of each                   |          |                |
| dNTP Mix, 2.5mM solution of each   | N026     | 1000           |
| 2.5 μmol of each                   |          |                |
| dNTP Mix, 4 mM solution of each    | N027     | 1000           |
| 4.0 μmol of each                   |          |                |
| dNTP Mix, 10 mM solution of each   | N025     | 1000           |
| 10.0 μmol of each                  |          |                |

Prices are subject of change without notice

