Enzyme	Cut site and upstream scar	BioScaffold start	Selection Marker	BioScaffold end	Downstream scar and cut site	Notation
AlfI	↓NNNTACTAGA**G** ↑NNNNNATGATCT**C**	**CANNNNNNTGC** **GTNNNNNNACG**	—....—	**GCANNNNNNTGC** **CGTNNNNNNACG**	TACTAGAKNNNN↓ ATGATCTMNN↑	{10,12;12,10}
ArsI	↓NTACTAGA**G** ↑NNNNNNATGATCT**C**	**ACNNNNNNTTYG** **TGNNNNNNAARC**	—....—	**CRAANNNNNNGTC** **GYTTNNNNNNCAG**	TACTAGAKNNNNN↓ ATGATCTM↑	{8,13;13,8}
BaeI	↓NNNNNNNNNT**ACTAGAG** ↑NNNNNNNNNNNNNNA**TGATCTC**	**TAYC** **ATRG**	—....—	**GRTACNNNNG** **CYATGNNNNC**	**T**ACTAGAKNNNNNNNNN↓ **A**TGATCTMNNN↑	{16,21;16,11}
BarI	↓TACTAGA**G** ↑NNNNNATGATCT**C**	**AAGNNNNNNTAC** **TTCNNNNNNATG**	—....—	**GAAGNNNNNN** **CTTCNNNNNN**	**TAC**TAGAKNNNNNNN↓ **ATG**ATCTMNN↑	{7,12;15,10}
BcgI	↓NNNTACTAGA**G** ↑NNNNNATGATCT**C**	**CANNNNNNTCG** **GTNNNNNNAGC**	—....—	**GCANNNNNNTCG** **CGTNNNNNNAGC**	TACTAGAKNNNN↓ ATGATCTMNN↑	{10,12;12,10}
BdaI	↓NNTACTAGAG ↑NNNNATGATCTC	**TGANNNNNNTCA** **ACTNNNNNNAGT**	—....—	**TGANNNNNNTCA** **ACTNNNNNNAGT**	TACTAGAKNNNN↓ ATGATCTMNN↑	{9,11;12,10}
BplI	↓NNNTACTA**GAG** ↑NNNNNNNNATGAT**CTC**	**NNNNNCTC** **NNNNNGAG**	—....—	**GAGNNNNNCTC** **CTCNNNNNGAG**	TACTAGAKNNNNN↓ ATGATCTM↑	{10,15;13,8}
BsaXI	↓NNNNNNNNT**ACTAGAG** ↑NNNNNNNNNNNNA**TGATCTC**	**CTCC** **GAGG**	—....—	**GGAGNNNNNG** **CCTCNNNNNC**	**T**ACTAGAKNNNNN↓ **A**TGATCTMNN↑	{15,18;13,10}
CspCI	↓NNNTACTAGAG ↑NNNNNATGATCTC	**CAANNNNNGTGG** **GTTNNNNNCACC**	—....—	**CCACNNNNNTTG** **GGTGNNNNNAAC**	TACTAGAKNNNNN↓ ATGATCTMNNN↑	{10,12;13,11}
FalI	↓TACTAGAG ↑NNNNNATGATCTC	**AAGNNNNNCTT** **TTCNNNNNGAA**	—....—	**AAGNNNNNCT** **TTCNNNNNGA**	**T**ACTAGAKNNNNNN↓ **A**TGATCTMN↑	{7,12;14,9}
PpiI	↓NNNTACTA**GAG** ↑NNNNNNNNATGAT**CTC**	**NNNNNCTTC** **NNNNNGAAG**	—....—	**GAACNNNNNCTC** **CTTGNNNNNGAG**	TACTAGAKNNNNN↓ ATGATCTM↑	{10,15;13,8}
PsrI	↓TACTAGA**G** ↑NNNNNATGATCT**C**	**AACNNNNNNTAC** **TTGNNNNNNATG**	—....—	**GAACNNNNNN** **CTTGNNNNNN**	**TAC**TAGAKNNNNNNN↓ **ATG**ATCTMNN↑	{7,12;15,10}
TstI	↓TACTAGA**G** ↑NNNNNATGATCT**C**	**GANNNNNNGTG** **CTNNNNNNCAC**	—....—	**GGANNNNNNGTG** **CCTNNNNNNCAC**	TACTAGAKNNNNN↓ ATGATCTM↑	{7,12;13,8}