BioBrick standard Prefix for coding sequences (EcoRI, NotI, XbaI, part in gray):

```plaintext
gaattccgccggccgcttctagATG...
```

BioBrick standard Prefix for coding sequences (part in gray, PstI, NotI, SpeI):

```plaintext
d...ACTactagtagcgccgctgcag
```

results after an SpeI/Xba combination in:

```plaintext
d...ACTactaggCA...
```

Freiburg standard FusionPrefix (EcoRI, NotI, XbaI, NgoMIV, part in gray; original BioBrick prefix for coding sequences underlined; start codon in italic):

```plaintext
gaattccgccggccgcttctagatgccggcCA...
```

**Adapted** Freiburg standard FusionPrefix with ribosome binding site (EcoRI, NotI, XbaI, RBS, NgoMIV, part in gray; original BioBrick prefix for coding sequences underlined; start codon in italic):

```plaintext
gaattccgccggccgcttctagataaagaggaactactagtgcggcCA...
```

Freiburg standard FusionSuffix [not changed](part in gray, AgeI, SpeI, NotI, PstI; original BioBrick suffix underlined; stop codons in italic):

```plaintext
d...ACaccggtaatactagtagcgccgctgcag
```

Fusion part: cut N-terminal part with NgoMIV and C-terminal part with AgeI

```plaintext
EcoRI  NotI  XbaI  RBS  NgoMIV  N-terminal part
gaattccgccggccgcttctagataaagaggaactactagtgcggcCA.NNNNNN.AC
```

```plaintext
NgoMIV-AgeI scar  C-terminal part  AgeI  SpeI  NotI  PstI
accggcCA.NNNNNNNNNNN..ACaccggtaatactagtagcgccgctgcag
```