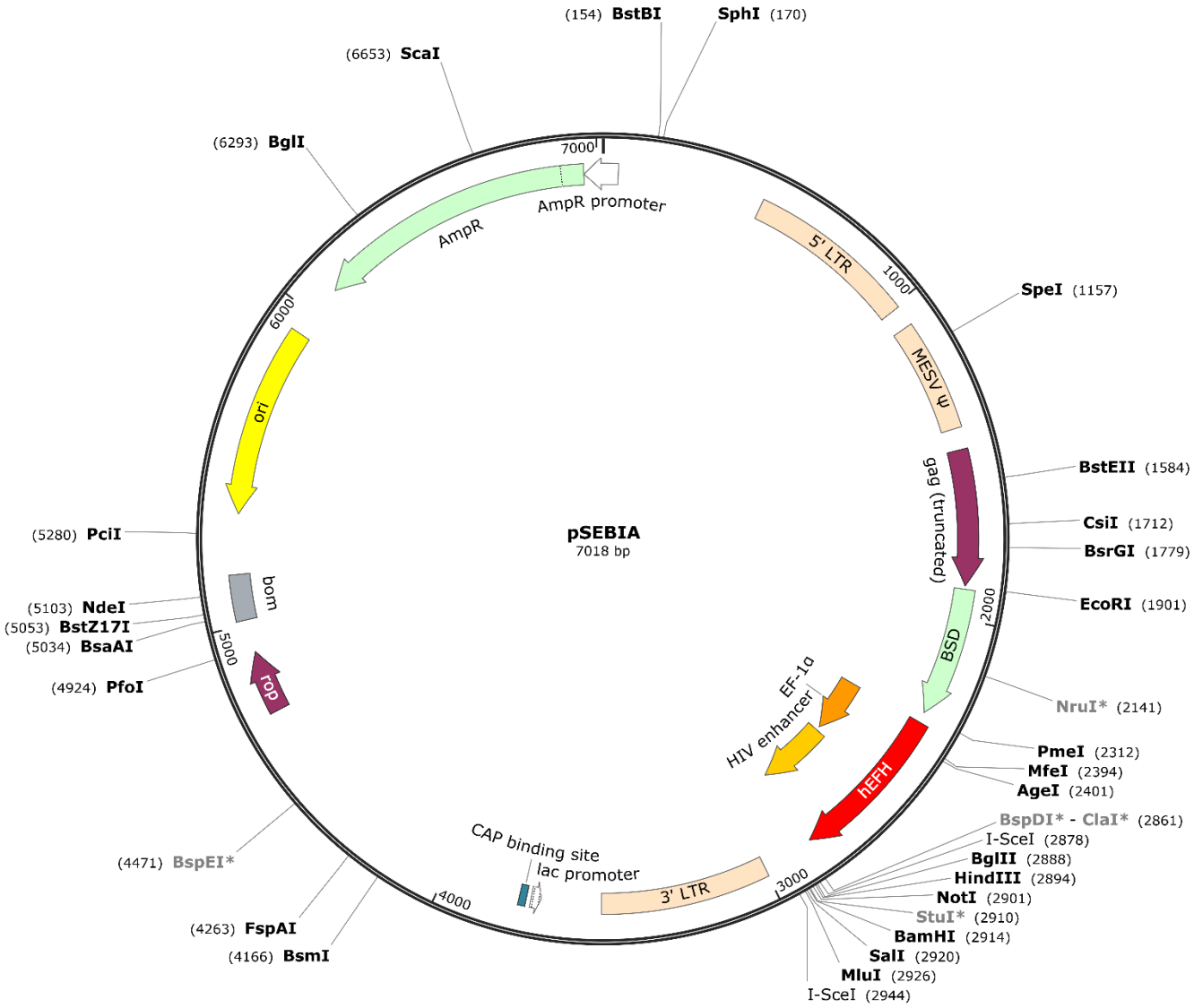
**Vector**: **pSEBIA** (retroviral expression vector)

**Antibiotic Selection**: Amp (BSD selection marker in mammalian cells)

**Creator(s)**: **Yuting Liang** @ Molecular Oncology Laboratory of The University of Chicago Medical Center

**Date of Construction**: July 2025



# pSEBIA (fully sequenced)

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## Zero Cutters in pSEBIA

| Enzyme | Cuts | Recognition Sequence |
|---|---|---|
| AleI | 0 | CACNNNNGTG |
| ApaI | 0 | GGGCCC |
| AsiSI | 0 | GCGATCGC |
| AvrII | 0 | CCTAGG |
| BclI | 0 | TGATCA |
| BfuAI | 0 | ACCTGCNNNNNNNN |
| BlpI | 0 | GCTNAGC |
| BmgBI | 0 | CACGTC |
| BsiWI | 0 | CGTACG |
| BspMI | 0 | ACCTGCNNNNNNNN |
| BstXI | 0 | CCANNNNNNTGG |
| DraIII | 0 | CACNNNGTG |
| FseI | 0 | GGCCGGCC |
| HpaI | 0 | GTTAAC |
| I-CeuI | 0 | TAACTATAACGGTCCTAAGGTAGCGAA |
| NsiI | 0 | ATGCAT |
| PacI | 0 | TTAATTAA |
| PaeR7I | 0 | CTCGAG |
| PaqCI | 0 | CACCTGCNNNNNNNN |
| PI-PspI | 0 | TGGCAAACAGCTATTATGGGTATTATGGGT |
| PI-SceI | 0 | ATCTATGTCGGGTGCGGAGAAAGAGGTAATGAAATGG |
| PmlI | 0 | CACGTG |
| PshAI | 0 | GACNNNNGTC |
| PsiI | 0 | TTATAA |
| PspOMI | 0 | GGGCCC |
| PspXI | 0 | VCTCGAGB |
| RsrII | 0 | CGGWCCG |
| SacII | 0 | CCGCGG |
| SbfI | 0 | CCTGCAGG |
| SfiI | 0 | GGCCNNNNNGGCC |
| SnaBI | 0 | TACGTA |
| SrfI | 0 | GCCCGGGC |
| SwaI | 0 | ATTTAAAT |
| XcmI | 0 | CCANNNNNNNNNTGG |
| XhoI | 0 | CTCGAG |