

## AAVpro Helper Free System (AAV5-2xU6) (製品コード 6662)

## pAAV-2xU6 Vector

Vector Elements	Location	由来する生物種	実験分類 クラス
5'ITR (5' Inverted terminal repeat)	237..377	Adeno Associated Virus	1
Stuffer sequence 1	387...1302	—	—
Mouse U6 promoter	1308...1616	Mus musculus	1
Human U6 promoter	1629...1886	Homo sapiens	1
Stuffer sequence 2	1887...2376	—	—
3' ITR (3' Inverted terminal repeat)	2388...2528	Adeno Associated Virus	1
Amp <sup>r</sup> (Ampicillin resistance gene)	3504...4469	Escherichia coli	1
pUC ori (pUC origin of replication)	4640...5228	Escherichia coli	1

## pRC5 Vector

Vector Elements	Location	由来する生物種	実験分類 クラス
AAV2 Rep	131..1996	Adeno Associated Virus	1
AAV5 Cap	2013..4187	Adeno Associated Virus	1
Amp <sup>r</sup> (Ampicillin resistance gene)	5154...6119	<i>Escherichia coli</i>	1
ColE1 ori	6290...6878	<i>Escherichia coli</i>	1

## pHelper Vector

Vector Elements	Location	由来する生物種	実験分類 クラス
Adenovirus E2A	1..5336	Adenovirus Type5	2
Adenovirus E4	5336..8537	Adenovirus Type5	2
Adenovirus VA	8546..9276	Adenovirus Type5	2
ColE1 ori	9423..10011	<i>Escherichia coli</i>	1
Amp <sup>r</sup> (Ampicillin resistance gene)	10182..11147	<i>Escherichia coli</i>	1