

## AAVpro Helper Free System (AAV2) (製品コード 6230)

## pAAV-CMV 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
CMV Promoter	446..953	Human cytomegalovirus	2
Human $\beta$ -globin intron	988..1480	Homo sapiens	1
MCS	1481..1518	人工合成核酸	—
Human growth hormone(hGH) polyA signal	1521..1997	Homo sapiens	1
3' ITR (3' Inverted terminal repeat)	2010..2150	Adeno Associated Virus	1
Ampr (Ampicillin resistance gene)	3126..4091	<i>Escherichia coli</i>	1
pUC ori (pUC origin of replication)	4262..4850	<i>Escherichia coli</i>	1

## pRC2-mi342 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
AAV2 Cap	2013..4220	Adeno Associated Virus	1
CMV Promoter	4595..4798	Human cytomegalovirus	2
hsa-miRNA-342	4818..5063	Homo sapiens	1
HSV-TK PolyA Signal	5070..5169	herpes simplex virus	2
Ampr (Ampicillin resistance gene)	6049..7014	<i>Escherichia coli</i>	1
ColE1 ori	7185..7773	<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
Ampr (Ampicillin resistance gene)	10182..11147	<i>Escherichia coli</i>	1