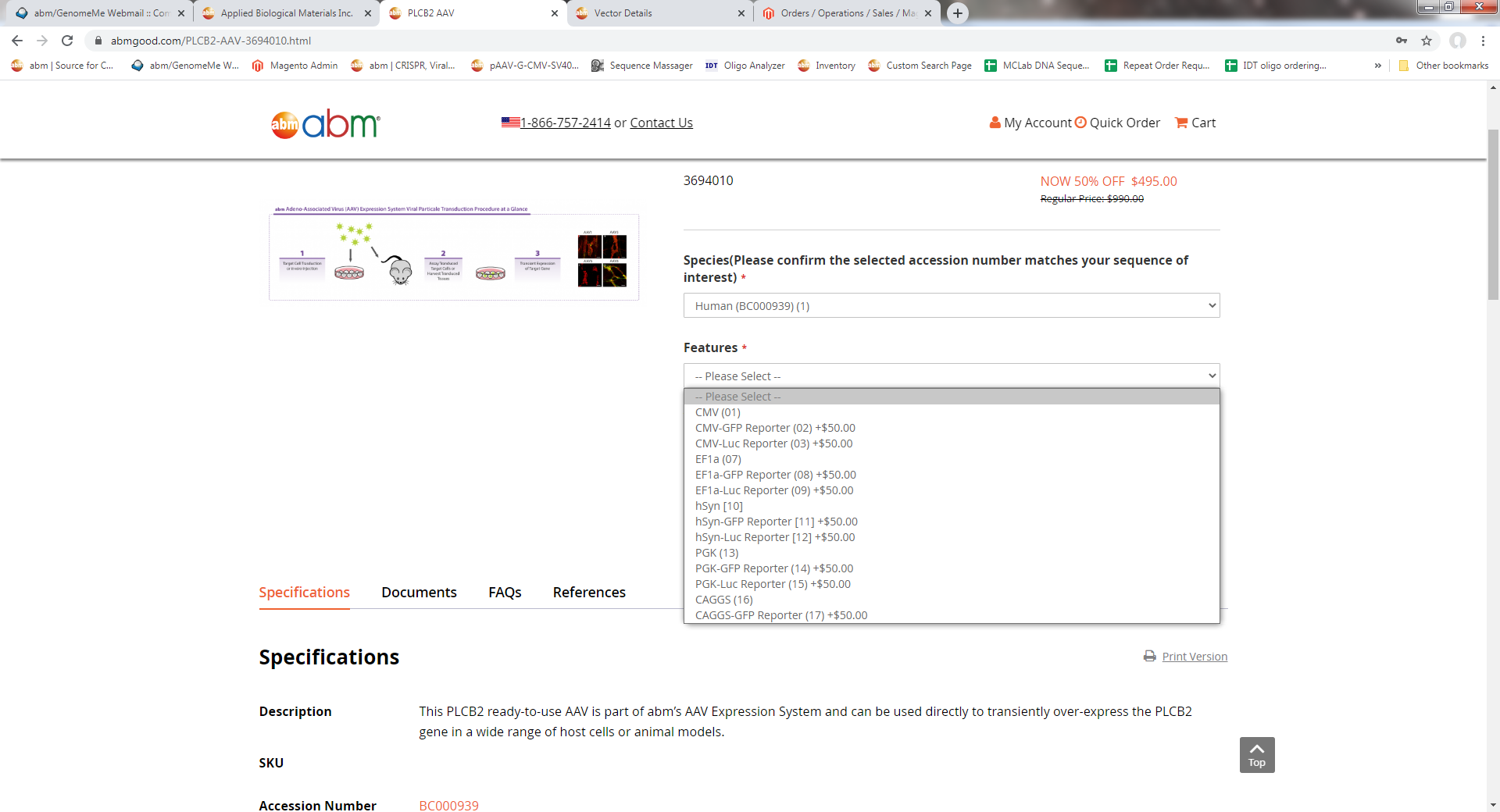
**AAV Vector UPDATE instructions for all AAV Library Products.**

\*We can take PLCB2 AAV products <https://www.abmgood.com/PLCB2-AAV-3694010.html> as an example.

**GOAL NUMBER ONE: ADDING 5 NEW FEATURES TO DROP-DOWN BOX**

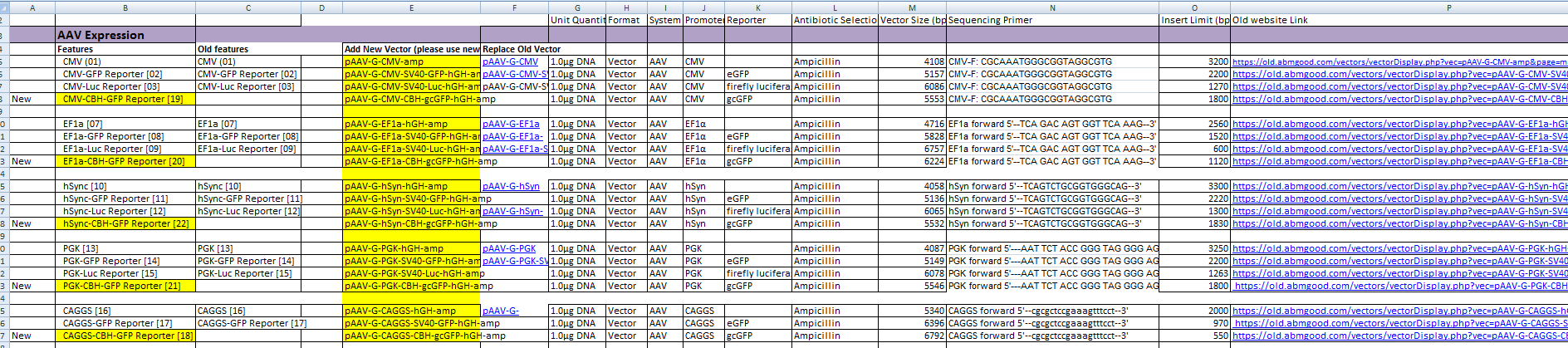
Currently, AAV expression Vectors and Viruses have 14 feature selections.



We want a total of 19 features. The highlighted 5 vector are the features that we need to **create new AAV library products and vector pages**. 创建5个新的feature, 需要添加New Product Specification 和 Vector 的网页。Accession# 19, 20, 22, 21, 18。我接下来会具体解释。

|  |
| --- |
| **AAV Expression** |
| **Features** |
| CMV (01) |
| CMV-GFP Reporter [02] |
| CMV-Luc Reporter [03] |
| CMV-CBH-GFP Reporter [19] |
|  |
| EF1a [07] |
| EF1a-GFP Reporter [08] |
| EF1a-Luc Reporter [09] |
| EF1a-CBH-GFP Reporter [20] |
|  |
| hSync [10] |
| hSync-GFP Reporter [11] |
| hSync-Luc Reporter [12] |
| hSync-CBH-GFP Reporter [22] |
|  |
| PGK [13] |
| PGK-GFP Reporter [14] |
| PGK-Luc Reporter [15] |
| PGK-CBH-GFP Reporter [21] |
|  |
| CAGGS [16] |
| CAGGS-GFP Reporter [17] |
| CAGGS-CBH-GFP Reporter [18] |

**Here’s the information to be used for these new pages on the new product page: 我发给你的Excel文件有你需要的所有信息。**You can find a lot of the information in the Excel file. I’m explaining it in detail here. 因为信息比较多 可能看懂需要很多时间 所以我在下面解释一下。每一个新的Feature 会产生新的library产品网页，Specification 需要这样添加：



**Product Name:** (insert the Gene Name) AAV Vector (insert Species) (Feature name)

So they will be: 注意每个产品网页显示一个name， 不要把五个都加到所有的产品网页里。

名字要跟feature名字一样 注意是CMV，EF1a, hSync, PGK, 还是CAGGS

**PLCB2 AAV Vector (Human) (CMV) (CBH-GFP) for** CMV-CBH-GFP Reporter [19]

**PLCB2 AAV Vector (Human) (EF1a) (CBH-GFP) for** EF1a-CBH-GFP Reporter [20]

**PLCB2 AAV Vector (Human) (hSync) (CBH-GFP) for** hSync-CBH-GFP Reporter [22]

**PLCB2 AAV Vector (Human) (PGK) (CBH-GFP) for** PGK-CBH-GFP Reporter [21]

**PLCB2 AAV Vector (Human) (CAGGS) (CBH-GFP)** for CAGGS-CBH-GFP Reporter [18]

**Cat. No:** generate new ones using 19, 20, 22, 21 18 feature cat numbers

**Vector:**  in **Column E of excel file,** but I’ve also pasted them below.

So they are  **pAAV-G-CMV-CBH-gcGFP-hGH-amp 对应的产品feature 是** CMV-CBH-GFP Reporter [19]

**pAAV-G-EF1a-CBH-gcGFP-hGH-amp 对应的产品feature 是** EF1a-CBH-GFP Reporter [20]

**pAAV-G-hSyn-CBH-gcGFP-hGH-amp对应的产品feature 是** hSync-CBH-GFP Reporter [22]

**pAAV-G-PGK-CBH-gcGFP-hGH-amp 对应的产品feature 是** PGK-CBH-GFP Reporter [21]

**pAAV-G-CAGGS-CBH-gcGFP-hGH-amp 对应的产品feature 是** CAGGS-CBH-GFP Reporter [18]

\*Please make sure the correct feature name correlates to the correct vector.

**Promoters:** see column J in excel sheet

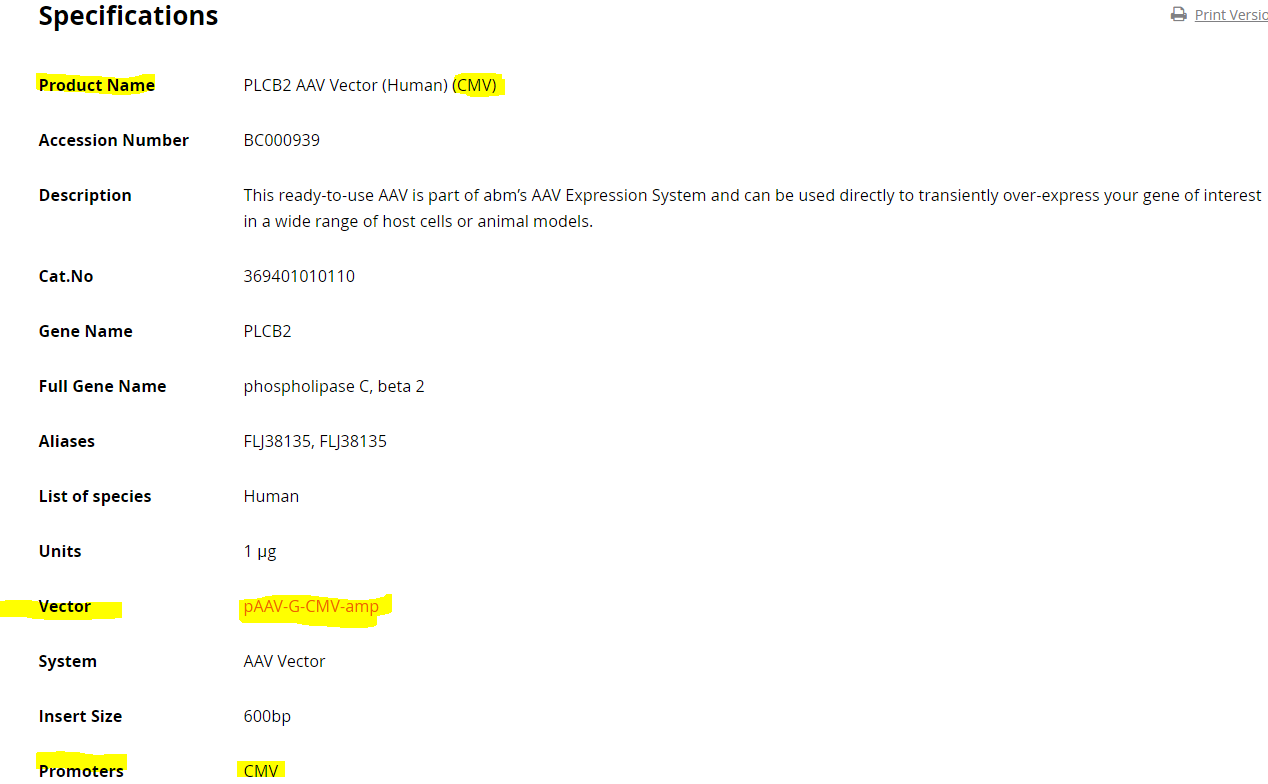
**CMV**

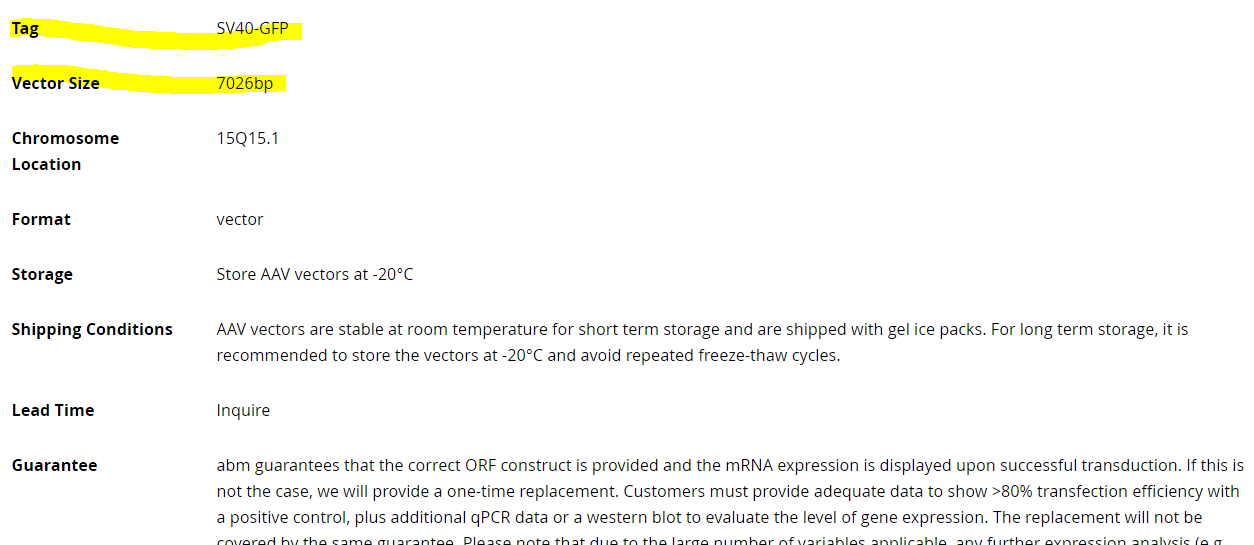
**EF1a**

**hSync**

**PGK**

**CAGGS**



****

**Tag: excel 文件 Column K有写，**

**5个Vector 都是 CBH-gcGFP**

**Vector size:** excel Column M

MV-CBH-GFP Reporter [19] 5553 bp

EF1a-CBH-GFP Reporter [20] 6224 bp

hSync-CBH-GFP Reporter [22] 5532bp

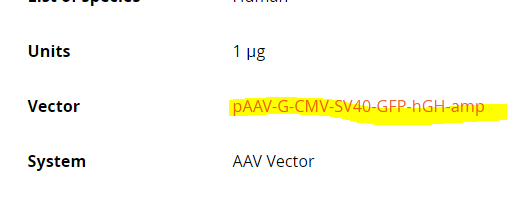
PGK-CBH-GFP Reporter [21] 5546 bp

CAGGS-CBH-GFP Reporter [18] 6792 bp

Format: vector/virus/cell 如果是 （10）就是Vector

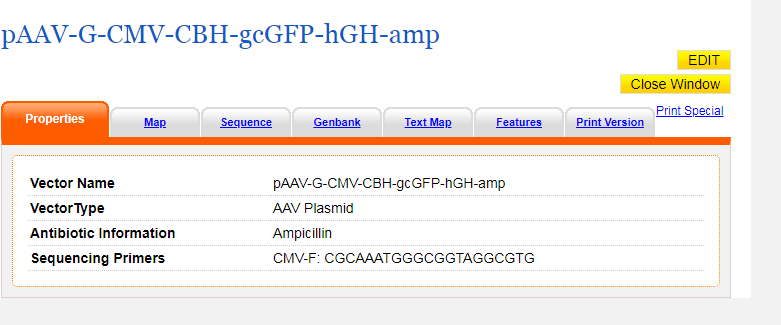
如果是 （11 到19）就是 virus

**Now, We have to make a new webpage for each of the 5 new vectors to link to, like what we’ve done for the 14 other features.** 创建新的library产品和更新完Specification之后需要创建产品所对应的新的Vector网页， 就像点击这里



会打开这里<https://www.abmgood.com/vectormap/index/index/?name=pAAV-G-CMV-SV40-GFP-hGH-amp>。 我已经把所有Vector在旧的网站里更新了 但是因为更新没有加入新的网站 所以需要你重新加进去。信息已经发给你 （Excel 可以找得到， 图片Map以前有发给你一个大的ZIP文件。 Sequence 可以在旧的网页里找得到 但是我把所有资料和图片都写到这里了。

I’ve actually already uploaded these 5 vectors before onto the old website, but they weren’t transferred to the new website. You can copy all the Information from these older links that I’ve posted below, or find them all in the excel file. I’ve also consolidated everything here.



**All information you need is here, but also in excel file, or in attachment.**

**Vector name:** Column E Excel 文件里有

**Vector Type:** AAV Plasmid

**Antibioti c Information:** Ampicilin

**Sequence Primers:** Column N Excel 文件里有

**Additional Information:** No Additional Information.

MAP, Sequence can all be found in my previous emails, attachments, or by following the link to the old website.

**Here’s what the finished product will look like (information found in excel file but included all here) 更新完的Vector 网页是这样的**

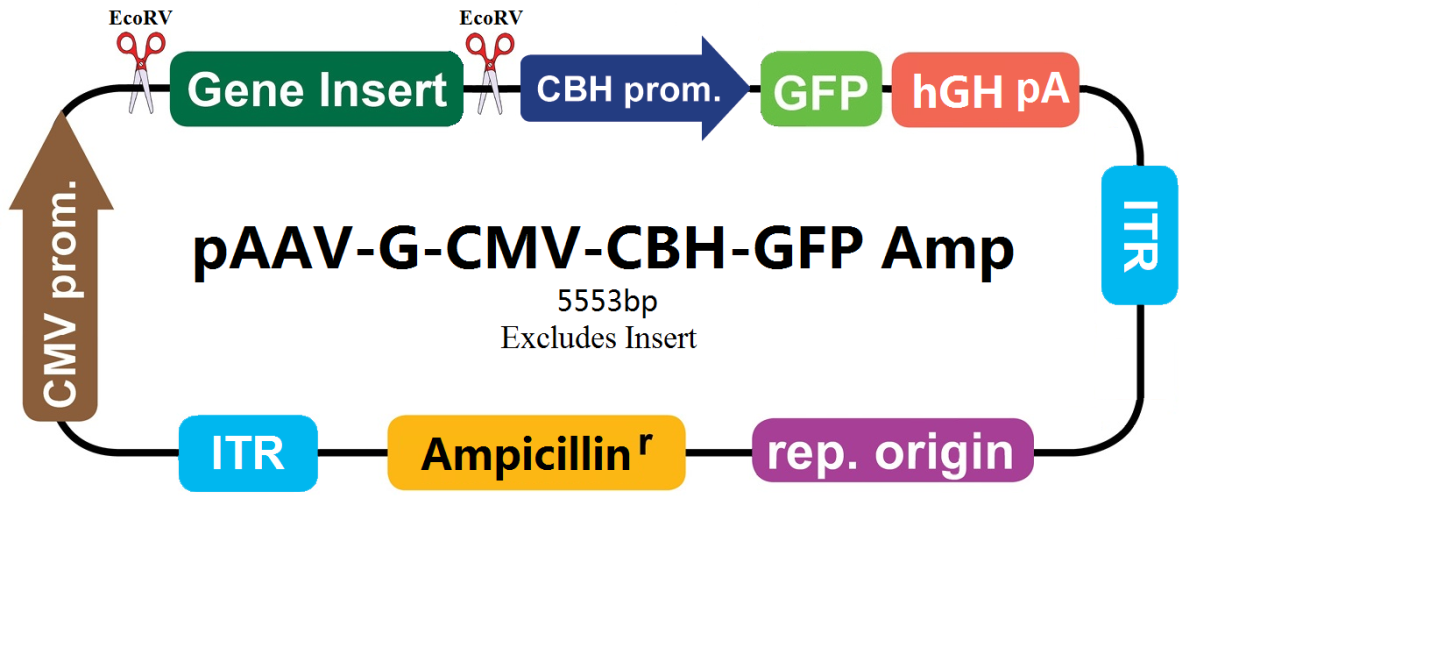
**1. pAAV-G-CMV-CBH-gcGFP-hGH-amp**

Old webpage vector link that you can copy sequence and map from:

<https://old.abmgood.com/vectors/vectorDisplay.php?vec=pAAV-G-CMV-CBH-gcGFP-hGH-amp&page=prop>

**Finished product:**

|  |  |
| --- | --- |
| **Vector Name** | pAAV-G-CMV-CBH-gcGFP-hGH-amp |
| **VectorType** | AAV Plasmid |
| **Antibiotic Information** | Ampicillin |
| **Sequencing Primers** | CMV-F: CGCAAATGGGCGGTAGGCGTG |
| **Additional Information** | No Additional Information |



I’ve also included this photo in the attachments of previous and this email.

1 cctgcaggca gctgcgcgct cgctcgctca ctgaggccgc ccgggcgtcg ggcgaccttt  
61 ggtcgcccgg cctcagtgag cgagcgagcg cgcagagagg gagtggccaa ctccatcact  
121 aggggttcct gcggccgcCC TAGGcgttac ataacttacg gtaaatggcc cgcctggctg  
181 accgcccaac gacccccgcc cattgacgtc aataatgacg tatgttccca tagtaacgcc  
241 aatagggact ttccattgac gtcaatgggt ggagtattta cggtaaactg cccacttggc  
301 agtacatcaa gtgtatcata tgccaagtac gccccctatt gacgtcaatg acggtaaatg  
361 gcccgcctgg cattatgccc agtacatgac cttatgggac tttcctactt ggcagtacat  
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481 ggatagcggt ttgactcacg gggatttcca agtctccacc ccattgacgt caatgggagt  
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661 aaccgtcaga tcgcctggag acgccatcca cgctgttttg acctccatag aagaaccgag  
721 tttaaactcc ctatcagtga tagagatctc cctatcagtg atagagagct agcgatatca  
781 acaagtttgt acaaaaaagc tgaacgagaa acgtaaaatg atataaatat caatatatta  
841 aattagattt tgcataaaaa acagactaca taatactgta aaacacaaca tatccagtca  
901 ctatggcggc cgcattaggc accccaggct ttacacttta tgcttccggc tcgtataatg  
961 tgtggatttt gagttaggat ccgtcgagat tttcaggagc taaggaagct aaaatggaga  
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1081 aggcatttca gtcagttgct caatgtacct ataaccagac cgttcagctg gatattacgg  
1141 cctttttaaa gaccgtaaag aaaaataagc acaagtttta tccggccttt attcacattc  
1201 ttgcccgcct gatgaatgct catccggaat tccgtatggc aatgaaagac ggtgagctgg  
1261 tgatatggga tagtgttcac ccttgttaca ccgttttcca tgagcaaact gaaacgtttt  
1321 catcgctctg gagtgaatac cacgacgatt tccggcagtt tctacacata tattcgcaag  
1381 atgtggcgtg ttacggtgaa aacctggcct atttccctaa agggtttatt gagaatatgt  
1441 ttttcgtctc agccaatccc tgggtgagtt tcaccagttt tgatttaaac gtggccaata  
1501 tggacaactt cttcgccccc gttttcacca tgggcaaata ttatacgcaa ggcgacaagg  
1561 tgctgatgcc gctggcgatt caggttcatc atgccgtttg tgatggcttc catgtcggca  
1621 gaatgcttaa tgaattacaa cagtactgcg atgagtggca gggcggggcg taaagatctg  
1681 gatccggctt actaaaagcc agataacagt atgcgtattt gcgcgctgat ttttgcggta  
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1921 cgctggaaag cggaaaatca ggaagggatg gctgaggtcg cccggtttat tgaaatgaac  
1981 ggctcttttg ctgacgagaa caggggctgg tgaaatgcag tttaaggttt acacctataa  
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2281 catcaaaaac gccattaacc tgatgttctg gggaatataa atgtcaggct cccttataca  
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2401 tctgtttttt atgcaaaatc taatttaata tattgatatt tatatcattt tacgtttctc  
2461 gttcagcttt cttgtacaaa gtggttgata tctgactcga gTATAAGGAT GATGACGACA  
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2761 GGGACTTTCC TACTTGGCAG TACATCTACG TATTAGTCAT CGCTATTACC ATGGTCGAGG  
2821 TGAGCCCCAC GTTCTGCTTC ACTCTCCCCA TCTCCCCCCC CTCCCCACCC CCAATTTTGT  
2881 ATTTATTTAT TTTTTAATTA TTTTGTGCAG CGATGGGGGC GGGGGGGGGG GGGGCGCGCG  
2941 CCAGGCGGGG CGGGGCGGGG CGAGGGGCGG GGCGGGGCGA GGCGGAGAGG TGCGGCGGCA  
3001 GCCAATCAGA GCGGCGCGCT CCAAAAGTTT CCTTTTATGG CGAGGCGGCG GCGGCGGCGG  
3061 CCCTATAAAA AGCGAAGCGC GCGGCGGGCG GGAGTCGCTG CGCGCTGCCT TCGCCCCGTG  
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3181 CAGGTGAGCG GGCGGGACGG CCCTTCTCCT CCGGGCTGTA ATTAGCTTCG AACGCCACCA  
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6661 taccagcggt ggtttgtttg ccggatcaag agctaccaac tctttttccg aaggtaactg  
6721 gcttcagcag agcgcagata ccaaatactg ttcttctagt gtagccgtag ttaggccacc  
6781 acttcaagaa ctctgtagca ccgcctacat acctcgctct gctaatcctg ttaccagtgg  
6841 ctgctgccag tggcgataag tcgtgtctta ccgggttgga ctcaagacga tagttaccgg  
6901 ataaggcgca gcggtcgggc tgaacggggg gttcgtgcac acagcccagc ttggagcgaa  
6961 cgacctacac cgaactgaga tacctacagc gtgagctatg agaaagcgcc acgcttcccg  
7021 aagggagaaa ggcggacagg tatccggtaa gcggcagggt cggaacagga gagcgcacga  
7081 gggagcttcc agggggaaac gcctggtatc tttatagtcc tgtcgggttt cgccacctct  
7141 gacttgagcg tcgatttttg tgatgctcgt caggggggcg gagcctatgg aaaaacgcca  
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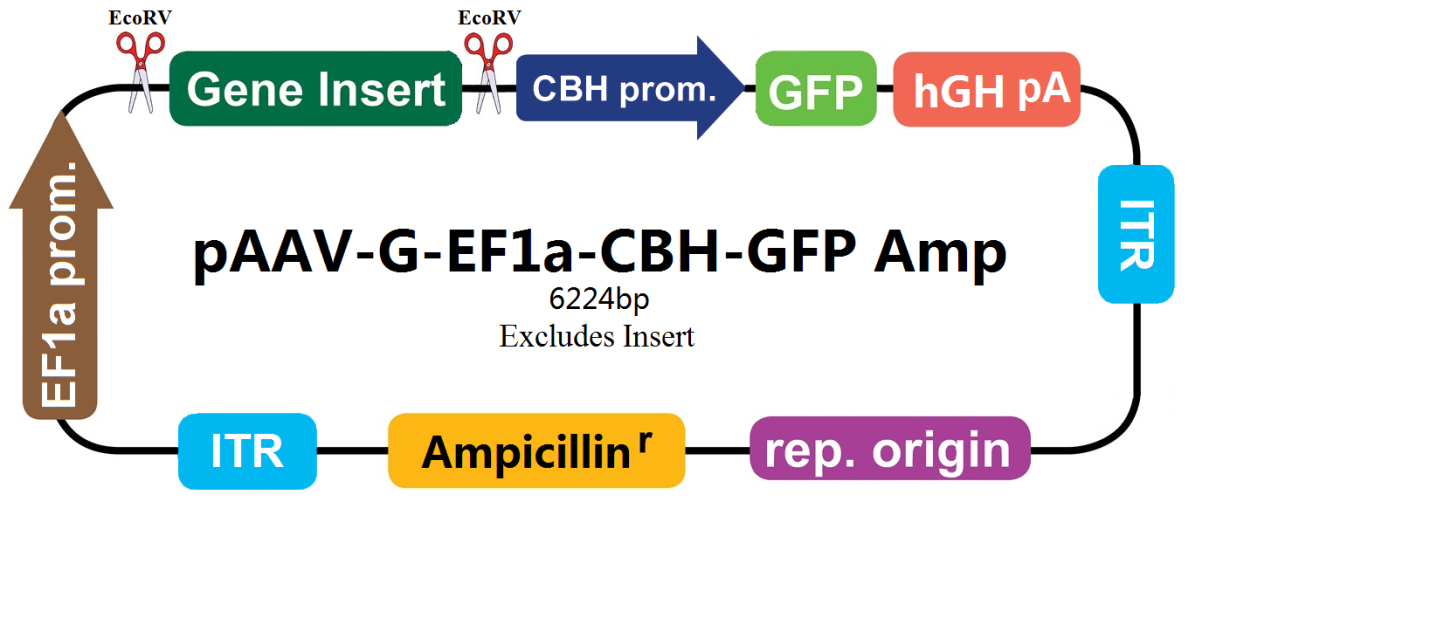
**2. pAAV-G-EF1a-CBH-gcGFP-hGH-amp**

Old webpage vector link that you can copy sequence and map from:

<https://old.abmgood.com/vectors/vectorDisplay.php?vec=pAAV-G-EF1a-CBH-gcGFP-hGH-amp&page=map>

**Finished product**

|  |  |
| --- | --- |
| **Vector Name** | **pAAV-G-EF1a-CBH-gcGFP-hGH-amp** |
| **VectorType** | AAV Plasmid |
| **Antibiotic Information** | Ampicillin |
| **Sequencing Primers** | EF1a forward 5'--TCA GAC AGT GGT TCA AAG--3' |
| **Additional Information** | No Additional Information |

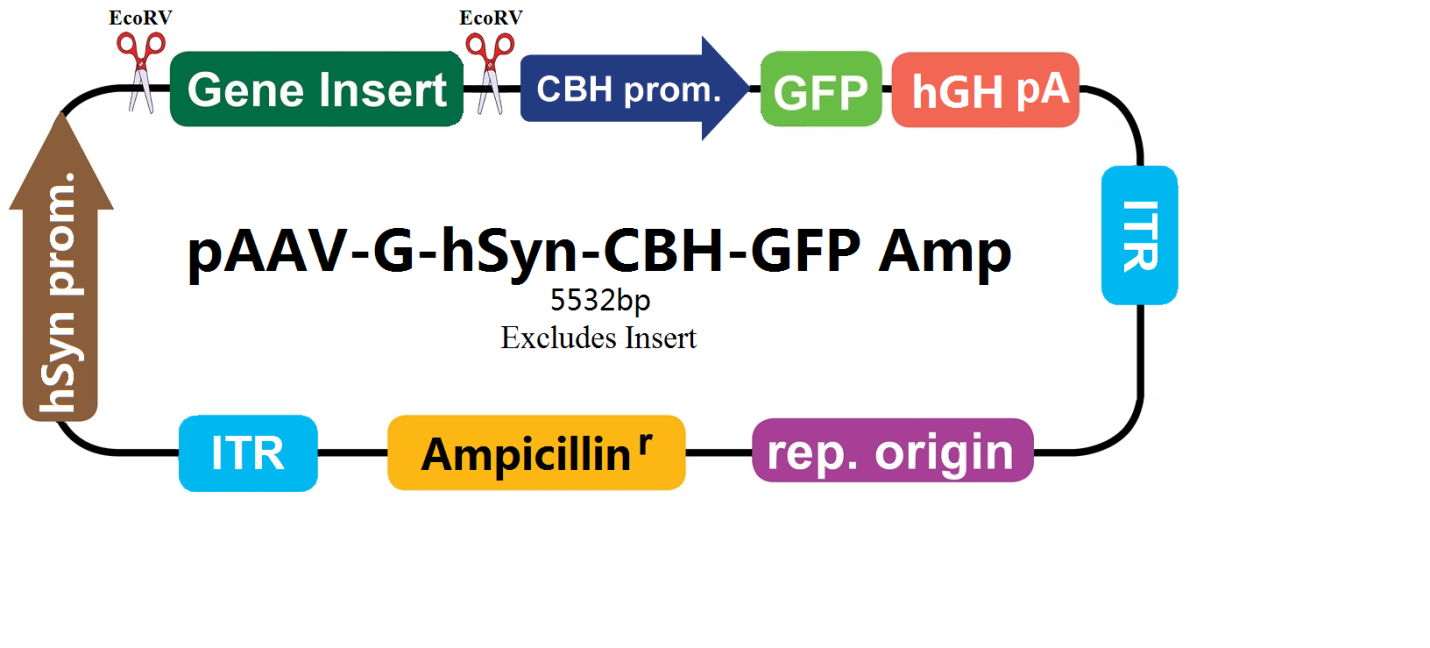


**1 cctgcaggca gctgcgcgct cgctcgctca ctgaggccgc ccgggcgtcg ggcgaccttt  
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121 aggggttcct gcggccgcCC TAGGggctcc ggtgcccgtc agtgggcaga gcgcacatcg  
181 cccacagtcc ccgagaagtt ggggggaggg gtcggcaatt gaaccggtgc ctagagaagg  
241 tggcgcgggg taaactggga aagtgatgtc gtgtactggc tccgcctttt tcccgagggt  
301 gggggagaac cgtatataag tgcagtagtc gccgtgaacg ttctttttcg caacgggttt  
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541 cctcgtgctt gagttgaggc ctggcctggg cgctggggcc gccgcgtgcg aatctggtgg  
601 caccttcgcg cctgtctcgc tgctttcgat aagtctctag ccatttaaaa tttttgatga  
661 cctgctgcga cgcttttttt ctggcaagat agtcttgtaa atgcgggcca agatctgcac  
721 actggtattt cggtttttgg ggccgcgggc ggcgacgggg cccgtgcgtc ccagcgcaca  
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901 gcaaggctgg cccggtcggc accagttgcg tgagcggaaa gatggccgct tcccggccct  
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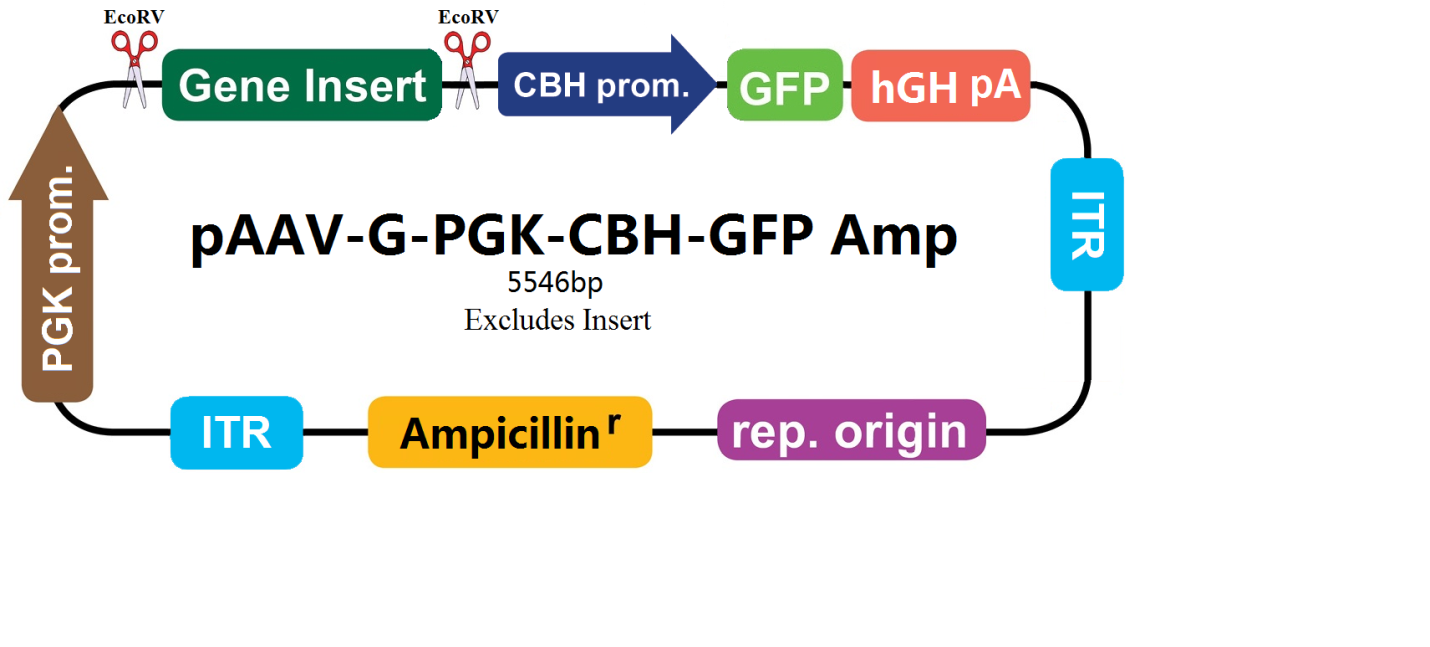
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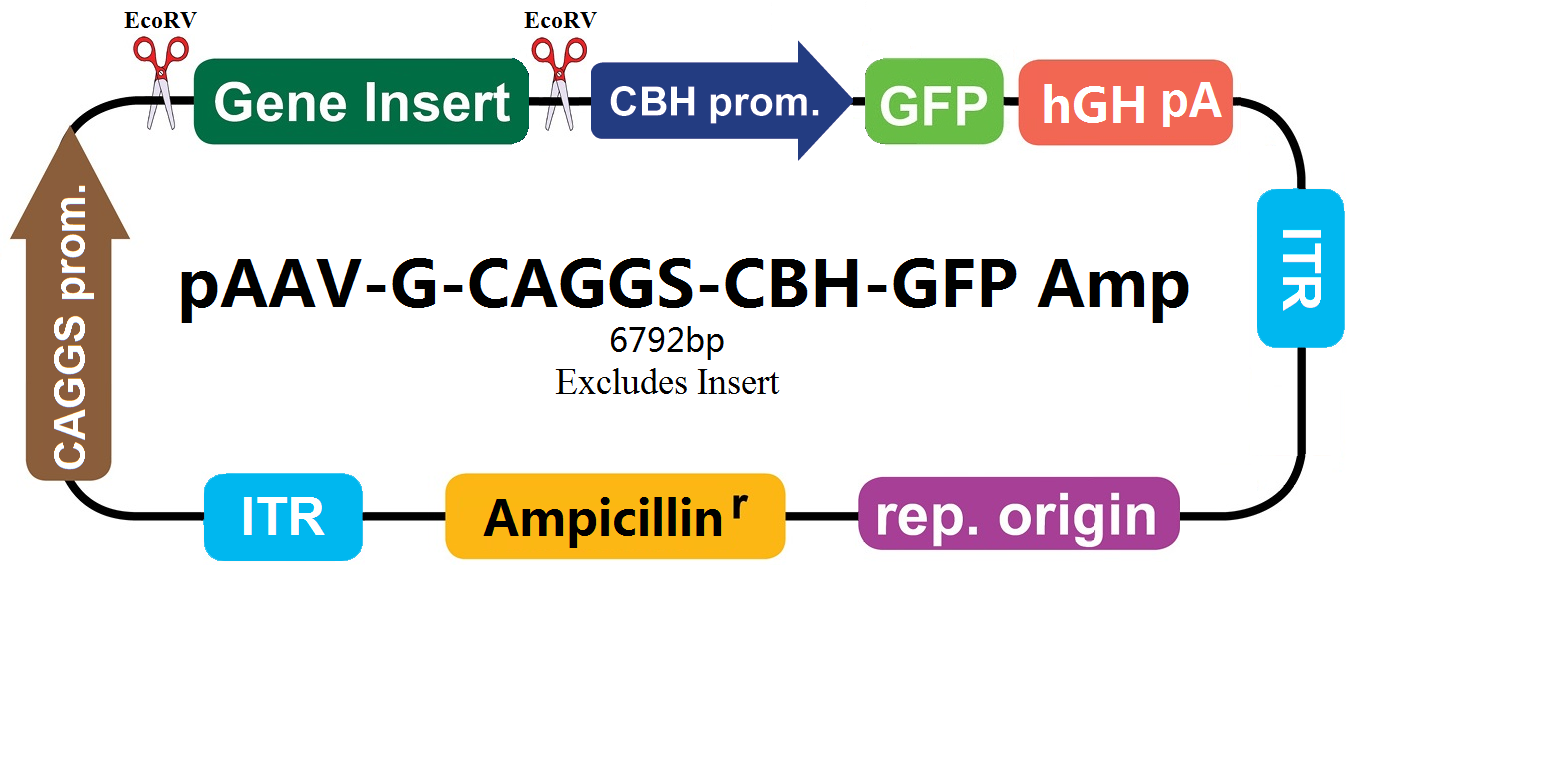


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