



ATG: biosynthetics
Solutions
in bioGENESYS

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FlexTEC - Vectors: Most Flexible Modular Solutions for Multi-Protein Expression - by Use of Synthetic Genes

Dear Customers,

Are you working as a protein specialist with multiple protein of concerted functions?

- (1) Is it - hetero-protein complexes exerting physiological and/or signal function or
- (2) Is your field of expertise bio-catalytic pathway engineering in **vitro** or in **vivo**

Then the **FlexBAC^{Turbo}** protein expression kit for multiple gene expression is exactly what you might looking for.

FlexBAC^{Turbo} is the **flexTEC** family member for baculoviral expression of multigene constructs in

insect cells. It follows the design of the *TogTEC* toggle system and harmonically integrates the ACDC-SC design.

Easy, flexible, adaptable.

The vectors are designed for highly efficient expression in insect cells and the assembly of multiple genes in clusters. The **DONOR – ACCEPTOR** principle is realized and after assembly the assembled parts can be recovered exactly like it is needed for rearrangement of genes for further use if this is intended.

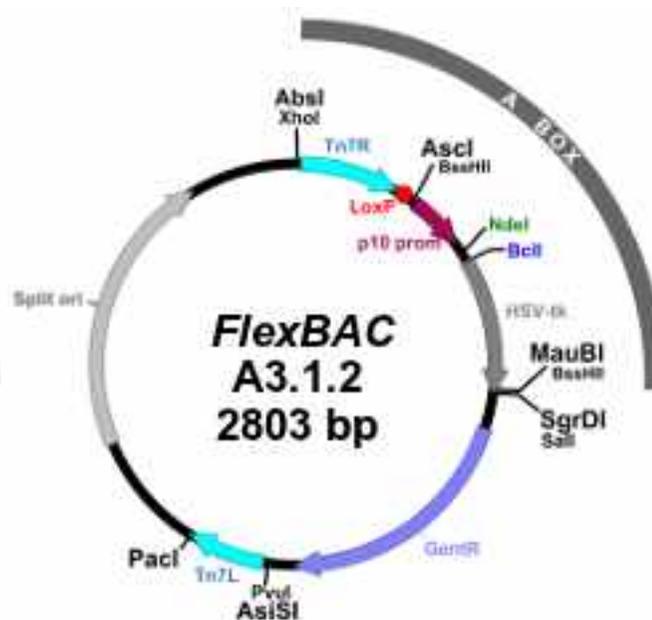
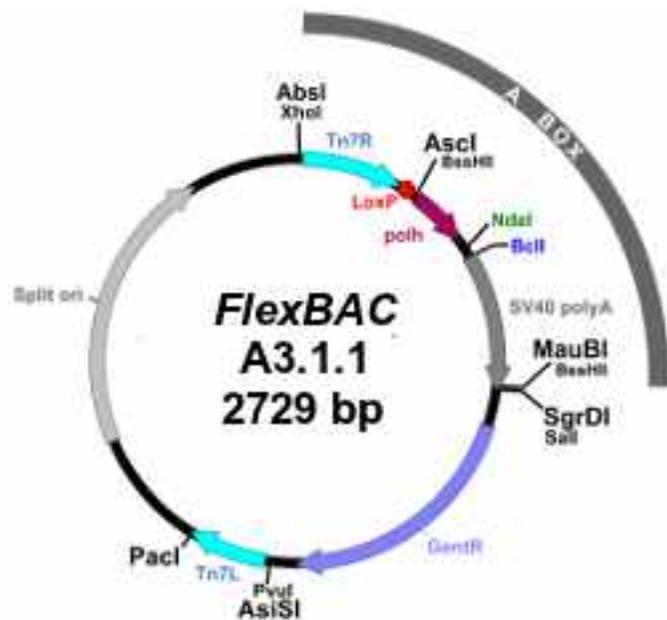
Please find the statement of one of our customers below



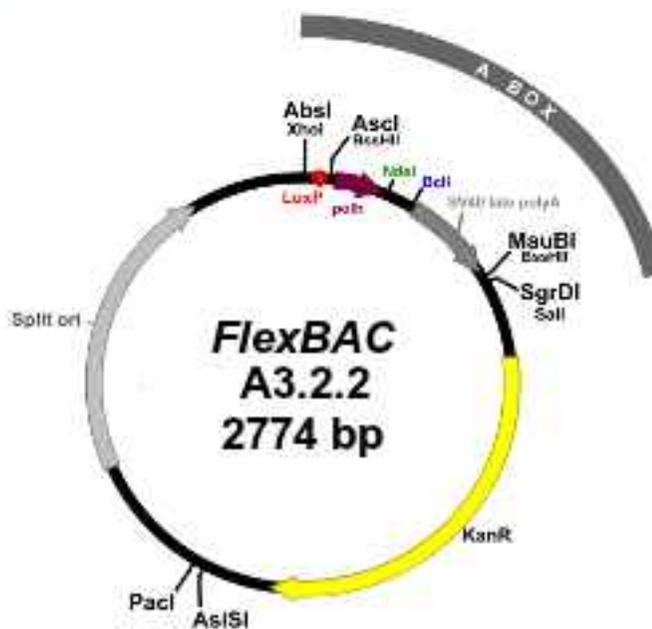
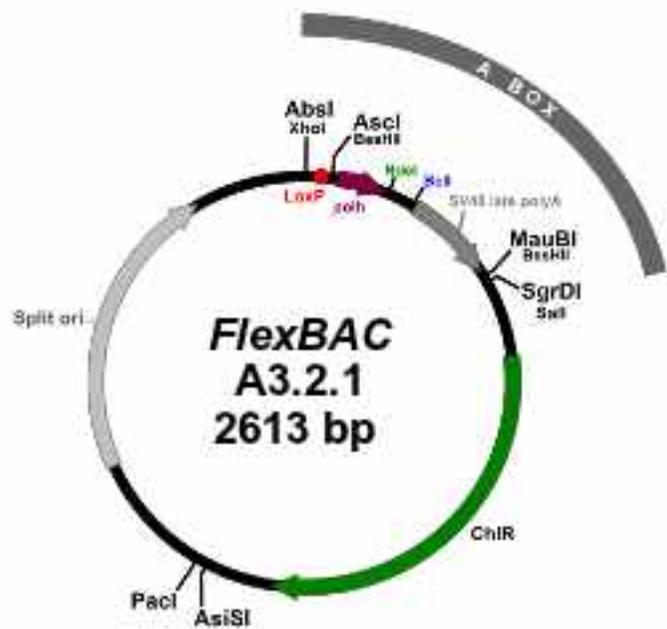
"Hi ATG, Thank you for the great help you have been with our past issues. Everything we received is working and we are now using your system a lot."

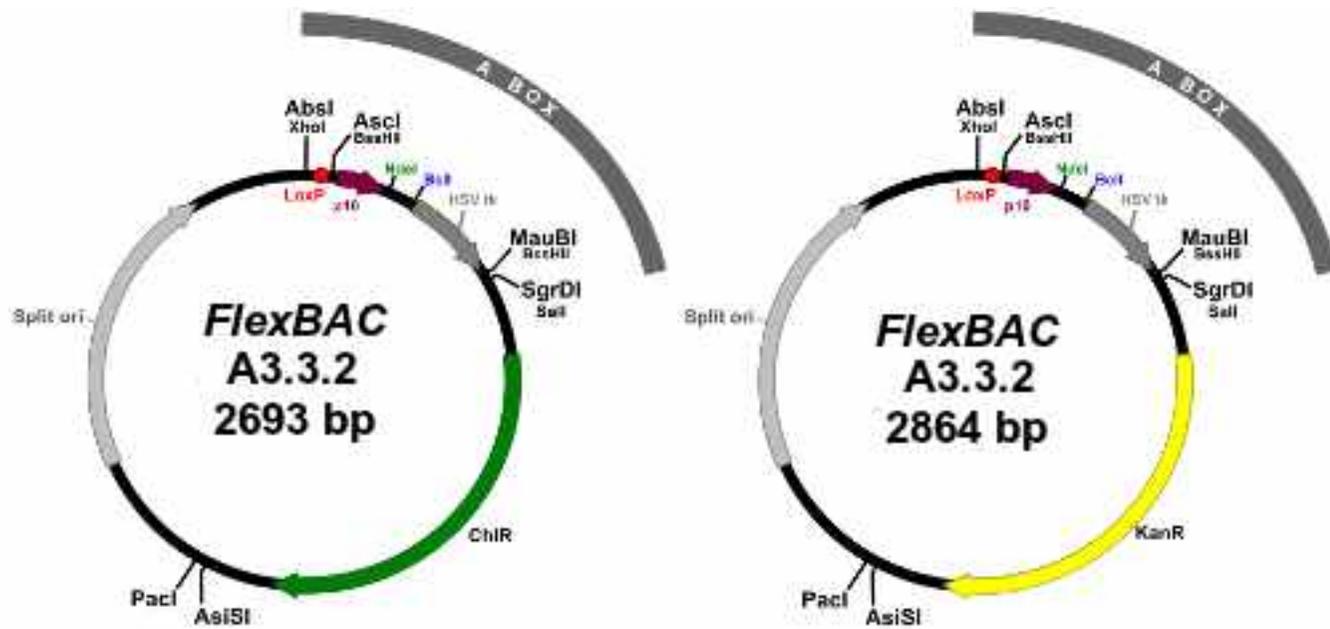
ATG would be happy to satisfy you as our esteemed customer as well!

The basic system comes with 6 transfer vectors (shown below) that allow you to build your multi - protein expression constructs quickly and easily.



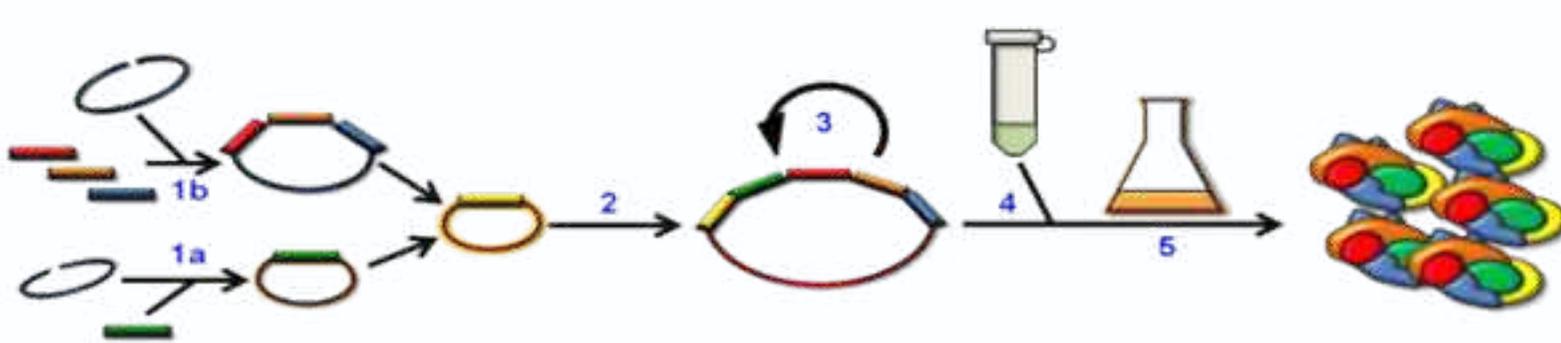
flexBac^{Turbo} acceptor vectors





flexBac^{Turbo} donor vectors

Multi-gene transfer vector constructs can then be transferred to the baculoviral genome for expression in insect cells (see figure below, steps 3 through 5).



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For more information or a quote, just e-mail our experts or call us!

OR: Continue reading the newsletter on our web page!

ATG, your reliable partner in synthetic biology!

Complementary services:

- Expert mode bioinformatics [inquire here](#)
 - Expert mode computational gene and cluster optimization
 - (Meta-)Genomics Analyses
- Gene and gene cluster synthesis
- Multi-protein and peptide expression systems

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