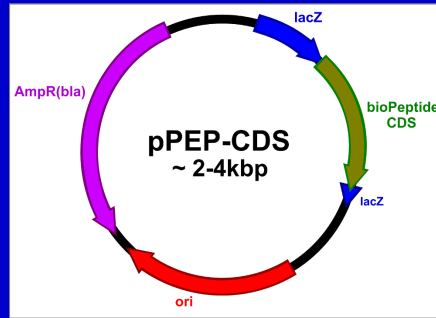
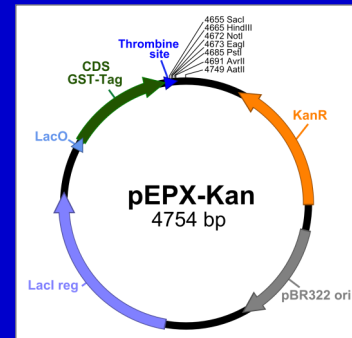


Components

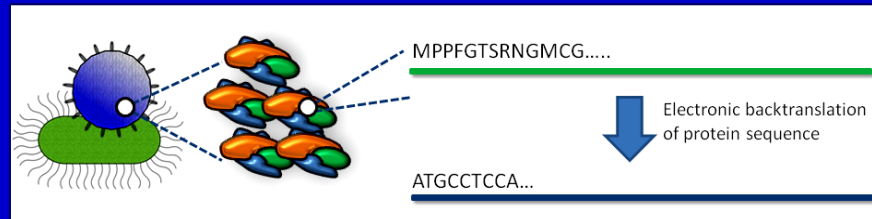


Hosting/Maintenance Vector
BioPeptide CDS in compact design



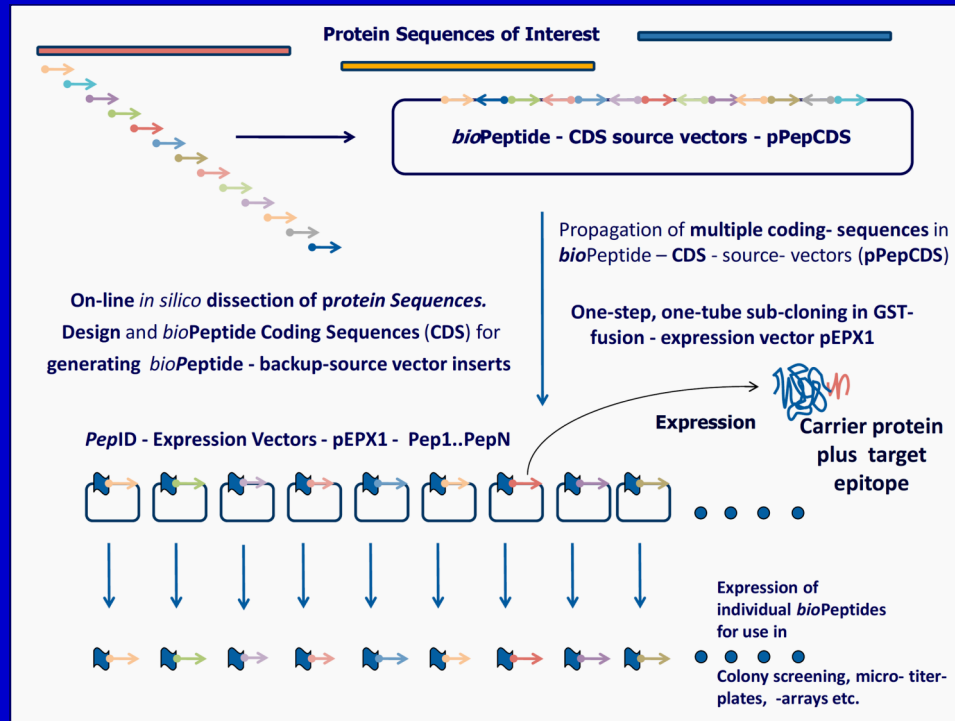
Expression Vector
Alternative conformations possible

Workflow



Selection of diagnostically or otherwise interesting proteins from infectious agents, etc.

In silico work-up of target sequence

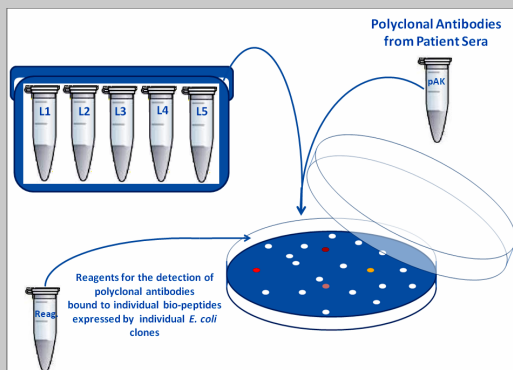
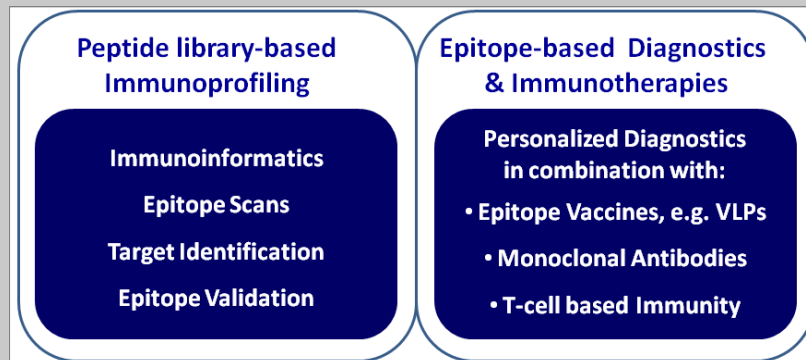
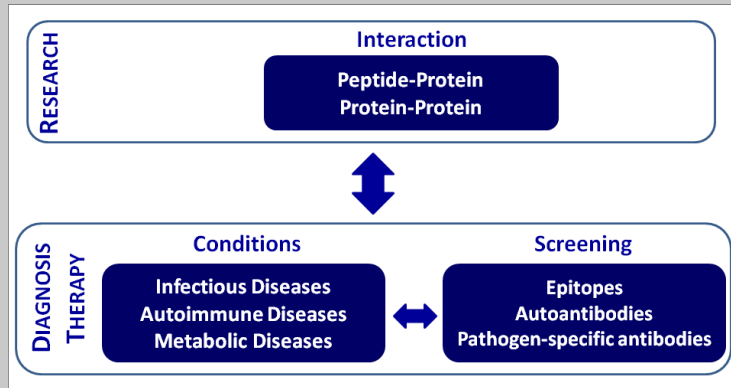


Construction and amplification of host vector

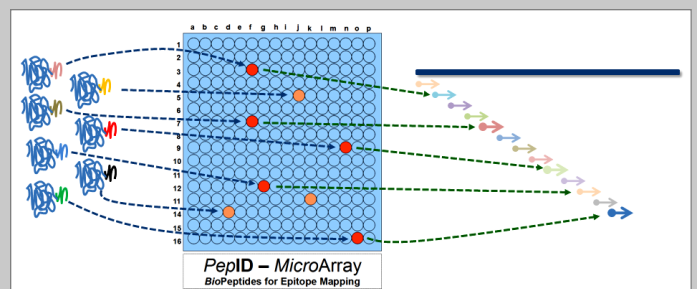
Individualization and expression of target peptides by fusion to (variable and individually tunable) expression target function of pEPX1 expression vector

Downstream analysis of protein-peptide fusions

Applications



Screening of patient sera
Antibody validation



Identification of

- diagnostic or interfering/disrupting peptides
- minimum size of peptide motifs in protein-protein interactions

Services

- **Gene design and synthesis** service for tailor-made expression vectors with added functionality, e.g. specific expression vector designs
- Bioinformatic optimization of peptide expression cassettes with proprietary **evoMAG gene intelligence** tools

Notes

More details on *PepID* and relevant services are just a few keystrokes or a call away. Request our brochure at order@atg-biosynthetics.com, download it from www.atg-biosynthetics.com or call us at the number given below.