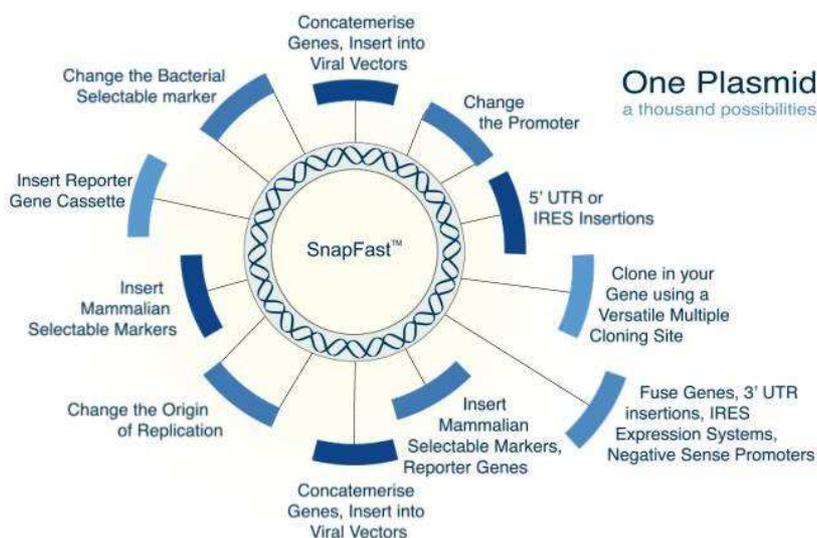


EXPLORE 1600 MOLECULAR CLONING VECTORS

SnapFast™

Benefits of the SnapFast™ system

- All plasmids are compatible with standard cloning, LIC, InFusionHD, Gibson Assembly, Seamless Geneart.
- Over 1600 unique DNA sections are available and compatible.
- Easy, efficient, and simple engineering strategies.
- High success rates due to pre-designed compatibility.
- No insert size constraints.
- Low copy origins for increased stability.
- Compatible with many pre-existing cloning vectors and a range of shuttle vectors to facilitate gene transfer.
- Easy cloning from the SnapFast vectors into a range of alternative systems, including viral vectors.
- Built in regulatory sequences and capabilities (e.g. gene concatamerisation, insulators and terminator sequences).



Incredible Versatility

- the largest peptide tag range in the world
- more than 9 reporter genes in 5 configurations
- more than 50 signal peptides
- over 40 promoters for mammalian, bacteria and yeast expression
- 10 antibiotic and metabolic selection options
- 6 origins of replication and a range of other DNA sections.

Backbone: All inserts are sold in the same plasmid backbone, called pSF-Core.

Most Popular Vectors 請參考背面品項



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Plasmid Product Name	Cat. No.	Application
Most Popular Bacterial Reporter Genes		
pSF-OXB20-BetaGal	OGS207	RecA promoter driving b-galactosidase
pSF-OXB20-Fluc	OGS412	OXB20 promoter driving firefly luciferase
Most Popular Bacterial Promoters		
pSF-OXB20	OGS50	OXB20 promoter (strongest expression)
pSF-OXB1	OGS553	OXB1 promoter (weakest expression)
pSF-T7/LacO	OGS500	T7 promoter with lac operon (inducible expression)
pSF-Tac	OGS501	Tac promoter (IPTG inducible expression)
pSF-LacI	OGS502	LacI promoter (regulated expression)
Most Popular Mammalian Reporter Genes		
pSF-CMV-PGK-Fluc	OGS388	Dual promoters driving firefly luciferase
pSF-CMV-RLuc	OGS103	CMV promoter driving sea pansy luciferase
pSF-CMV-Ub-BetaGal Ascl	OGS158	Dual promoters driving b-galactosidase
pSF-CMV-FMDV-daGFP	OGS289	Dual promoters driving IRES daGFP
pSF-CMV-RSV-SEAP Ascl	OGS17	Dual promoters driving SEAP
Most Popular Mammalian Promoters		
pSF-CMV-Kan	OGS10	CMV promoter (strongest expression)
pSF-CAG-Kan	OGS505	Synthetic CAG promoter (strong and stable expression)
pSF-EF1 Alpha	OGS43	EF1a promoter (moderate but stable expression)
Most Popular Mammalian Selection Markers		
pSF-CMV-PGK-Puro	OGS394	Dual promoter for expressing two genes (puromycin)
pSF-CMV-FMDV-Hygro	OGS292	Dual promoter expressing one gene (hygromycin)
pSF-CMV-Blast	OGS588	CMV promoter (blasticidin)
pSF-CMV-Ub-Neo/G418 Ascl	OGS22	Dual promoter expressing one gene (G418)
Most Popular Mammalian Protein Tags		
pSF-CMV-Puro-NH2-10His-EKT	OGS1157	N-term 10His affinity tag & EKT cleavage tag
pSF-CMV-Puro-NH2-FLAG [®] -6His-EKT	OGS1175	N-term FLAG [®] , 6His affinity tags & EKT cleavage tag
pSF-CMV-Puro-COOH-TEV-10His	OGS1120	C-term 10His affinity tag & TEV cleavage tag
pSF-CMV-Puro-COOH-TEV-FLAG [®] -6His	OGS1232	C-term FLAG [®] , 6His affinity tags & TEV cleavage tag
Most Popular Bacterial Protein Tags		
pSF-OXB20-NH2-10His-EKT	OGS2806	N-term 10His affinity tag & EKT cleavage tag
pSF-OXB20-NH2-FLAG [®] -6His-EKT	OGS2828	N-term FLAG [®] , 6His affinity tags & EKT cleavage tag
pSF-OXB20-COOH-TEV-10His	OGS2767	C-term 10His affinity tag & TEV cleavage tag
pSF-OXB20-COOH-TEV-FLAG [®] -6His	OGS2891	C-term FLAG [®] , 6His affinity tags & TEV cleavage tag
Most Popular Yeast Protein Tags		
pSF-TEF1-NH2-10His-EKT	OGS1649	N-term 10His affinity tag & EKT cleavage tag
pSF-TEF1-NH2-FLAG [®] -6His-EKT	OGS1658	N-term FLAG [®] , 6His affinity tags & EKT cleavage tag
pSF-TEF1-COOH-TEV-10His	OGS1913	C-term 10His affinity tag & TEV cleavage tag
pSF-TEF1-COOH-TEV-FLAG [®] -6His	OGS1969	C-term FLAG [®] , 6His affinity tags & TEV cleavage tag
Other Popular Plasmids		
pSF-OXB20-NH2-OmpA	OGS3099	Bacterial promoter with N-term Omp secretion signal
pSF-CMV-Puro-NH2-InsulinSP	OGS1436	Mammalian promoter with N-term Insulin secretion signal
pSF-CMV-SC101	OGS13	Mammalian promoter with low copy number
pSF-TEF1-NH2-Amy	OGS1817	Yeast Promoter with N-term Amy secretion signal
pSF-TEFI-TPI1-Fluc-URA3	OGS545	Yeast promoter driving firefly luciferase (plus URA3 selection)
pSF-Ad5	OGS268	Adenoviral cloning vector
pSF-CMV-CMV-Sbfi-Ub-Puro	OGS597	Dual CMV promoters for expressing two genes
pSF-PromMCS-FLuc	OGS369	Promoterless MCS allows you to insert your choice
Popular Plasmid Sets		
Mammalian FLAG [®] Tag Pack	PPS2393	Four plasmids to optimize FLAG [®] tag use with TEV tag
Mammalian Promoters Pack	PPS2356	Six plasmids to optimize expression based on promoter strength
Bacterial FLAG [®] Tag Pack	PPS2394	Four plasmids to optimize FLAG [®] tag use with TEV tag
Yeast Signal Peptide Pack	PPS2381	Nine plasmids to optimize protein secretion signal