

No.	Recombinase	Source	Sequence resource
1	HK022	St-Pierre, François, et al. "One-step cloning and chromosomal integration of DNA." ACS synthetic biology 2.9 (2013): 537-541.	https://www.addgene.org/45980/
2	phi80		https://www.addgene.org/45986/
3	FLP-5asp		https://www.addgene.org/45978/
	FLP-5gly		
4	P21		https://www.addgene.org/45987/
5	A118	Roquet, Nathaniel, et al. "Synthetic recombinase-based state machines in living cells." Science 353.6297 (2016): aad8559.	
6	TP901-1		Supplementary
	TP901-1 RDF	Brondsted, L., Ostergaard, S., Pedersen, M., Hammer, K. and Vogensen, F.K. "Analysis of the complete DNA sequence of the temperate bacteriophage TP901-1: evolution, structure, and genome organization of lactococcal bacteriophages". Virology 283 (1), 93-109 (2001).	

7	FimE	Fernandez-Rodriguez, Jesus, et al.	Supplementary
8	HbiF	"Memory and combinatorial logic based on DNA inversions: Dynamics and evolutionary stability." ACS synthetic biology 4.12 (2015): 1361-1372.	
9	Bxb1 gp35	Bonnet, Jerome, Pakpoom	
	Bxb1 gp47	Subsoontorn, and Drew Endy. "Rewritable digital data storage in live cells via engineered control of recombination directionality." Proceedings of the National Academy of Sciences 109.23 (2012): 8884-8889.	
10	VCre	Minorikawa, Sachiko, and Manabu	
11	Scre	Nakayama. "Recombinase-mediated cassette exchange (RMCE) and BAC engineering via VCre/VloxP and SCre/SloxP systems." Biotechniques 50.4 (2011): 235.	

12	Cre	Clark, K.J., Balciunas, D., Pagoda, H.-M. et al. "In vivo protein trapping produces a functional expression codex of the vertebrate proteome" Unpublished.	
13	FimB	Rovner, A.J., Haimovich, A.D., Katz, S.R., Li, Z., Grome, M.W., Gassaway, B.M., Amiram, M., Patel, J.R., Gallagher, R.R., Rinehart, J. and Isaacs, F.J. "Recoded organisms engineered to depend on synthetic amino acids". Nature (2015) In press.	
14	P22	Pedulla, M.L., Ford, M.E., Karthikeyan, T., Houtz, J.M., Hendrix, R.W., Hatfull, G.F., Poteete, A.R., Gilcrease, E.B., Winn-Stapley, D.A. and Casjens, S.R. "Corrected sequence of the bacteriophage p22 genome". J. Bacteriol. 185 (4), 1475-1477 (2003)	

	P22 Xis (RDF)	Masago, Y., Fong, T.T. and Rose, J.B. "The Molecular Identity of Contaminant Hydrology ". Submitted (06-MAR-2008) Contact: Yoshifumi Masago Michigan State University, Department of Fisheries and Wildlife; 13 Natural Resources, East Lansing, Michigan 48823, USA	
15	lambda integrase	Kyselkova, M., Chrudimsky, T., Chronakova, A., Smalla, K. and Elhottova, D." Sequence of a LowGC-type plasmid harboring tetracycline streptomycin resistance genes originating from cattle feces". Unpublished.	
	lambda int RDF (excisionase)	Brown, S., Jespersen, T.S. and Nygard, J. "A genetic analysis of carbon-nanotube-binding proteins". Small 4 (4), 416-420 (2008)	
16	phiC31	Hondalus, M.K. "The Influence of Plasmid Type on the Replication of	

		<i>Rhodococcus equi</i> in Host Macrophages". Unpublished.	
	phiC31 RDF	Farruggio, A.P., Chavez, C.L., Mikell, C.L. and Calos, M.P. "Efficient reversal of phiC31 integrase recombination in mammalian cells". Biotechnol J (2012) In press	
17	Dre	Sauer, B. and McDermott, J. "DNA recombination with a heterospecific Cre homolog identified from comparison of the pac-c1 regions of P1-related phages". Nucleic Acids Res. 32 (20), 6086-6095 (2004)	
18	vika	Richards, G.P., Bono, J.L., Watson, M.A. and Needleman, D.S. "Complete Genome Sequence for the Shellfish Pathogen <i>Vibrio coralliilyticus</i> RE98 Isolated from a Shellfish Hatchery". Genome Announc 2 (6) (2014)	

	Int Series		
19	int 2	Yang, Lei, et al. "Permanent genetic memory with> 1-byte capacity." Nature methods 11.12 (2014): 1261-1266.	Supplementary and addgene
20	int 3		
21	int 4		
22	int 5		
23	int 7		
24	int 8		
25	int 9		
26	int 10		
27	int 11		
28	int 12		
29	int 13		