

Genome Editing Options-Price Comparison

	EIGC Cost	Synthego Cost	Total Cost
Knock-in- Regular Cell Line			
Transfected Pool	\$4,500	\$9,250-\$11,250	
Clones	\$10,200	\$18,500-\$20,500	
Synthego/EIGC Partnership Clones	\$5,750 +	\$9,250-\$11,250	\$15,000-\$17,000
Knock-out- Regular Cell Line			
Transfected Pool	\$2,800	\$2,000-\$4,000	
Clones	\$5,800	\$11,400-\$13,400	
Synthego/EIGC Partnership Clones	\$3,000 -	⊦ \$2,000-\$4,000	\$5,000-\$7,000





Knock-in: Transfected Pool

- Cost: \$4,500
- What you get
 - gRNA design and file containing the sequence of any gRNA and primer utilized for editing and analysis
 - cell line will be validated before and after gene editing
 - transfection of cell line using CRISPRMAX or Neon Transfection System
 - 2 vials of a transfection pool
 - report of % of cells with positive edits
 - ddPCR for <10 bp knock-in
 - Sanger sequencing and ICE analysis for <200 bp knock-in
 - PCR at junctions and Sanger for >200 bp knock-in







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Knock-in: Clones



- Cost: \$10,200
- What you get
 - gRNA design and file containing the sequence of any gRNA and primer utilized for editing and analysis
 - cell line will be validated before and after gene editing
 - transfection of cell line using CRISPRMAX or Neon Transfection System
 - 2 vials of a transfection pool
 - report of % of cells with positive edits
 - isolation of clones (homozygous and heterozygous when needed), 2 vials of each clone
 - report for each clone







Knock-out: Transfected Pool

- Cost: \$2,800
- What you get
 - gRNA design and file containing the sequence of any gRNA and primer utilized for editing and analysis
 - cell line will be validated before and after gene editing
 - transfection of cell line using CRISPRMAX or Neon Transfection System
 - 2 vials of a transfection pool
 - report of % of cells with positive edits
 - PCR and agarose gel
 - Sanger sequencing and ICE analysis









Knock-out: Clones



- Cost: \$5,800
- What you get
 - gRNA design and file containing the sequence of any gRNA and primer utilized for editing and analysis
 - cell line will be validated before and after gene editing
 - transfection of cell line using CRISPRMAX or Neon Transfection System
 - 2 vials of a transfection pool
 - report of % of cells with positive edits
 - isolation of clones (homozygous and heterozygous when needed),
 2 vials of each clone
 - report for each clone







Summary

	EIGC Cost	Synthego Cost	Total Cost
Knock-in- Regular Cell Line			
Transfected Pool	\$4,500	\$9,250-\$11,250	
Clones	\$10,200	\$18,500-\$20,500	
Synthego/EIGC Partnership Clones	\$5,750 +	\$9,250-\$11,250	\$15,000-\$17,000
Knock-out- Regular Cell Line			
Transfected Pool	\$2,800	\$2,000-\$4,000	
Clones	\$5 <i>,</i> 800	\$11,400-\$13,400	
Synthego/EIGC Partnership Clones	\$3,000 -	+ \$2,000-\$4,000	\$5,000-\$7,000





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