Stowers Institute for Medical Research
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NEB #	Competent Cells	Size	Stockroom #
C2987H	NEB® 5-alpha Competent *E. coli* (High Efficiency)	20 x 0.05 ml	C2987H
NEB #	**DNA Assembly, Cloning and Mutagenesis Kits**	**Size**	**Stockroom #**
E2611L	Gibson Assembly® Master Mix	50 reactions	E2611L
E2611S	Gibson Assembly® Master Mix	10 reactions	E2611S
E2621S	NEBuilder® HiFi DNA Assembly Master Mix	10 reactions	E2621S
E2621L	NEBuilder® HiFi DNA Assembly Master Mix	50 reactions	E2621L
NEB #	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Stockroom #**
M0289S	Antarctic Phosphatase	1,000 units	M0289S
M0367S	Blunt/TA Ligase Master Mix	50 reactions	M0367S
M0367L	Blunt/TA Ligase Master Mix	250 reactions	M0367L
M0303S	DNase I (RNase-free)	1,000 units	M0303S
M0303L	DNase I (RNase-free)	5,000 units	M0303L
M0293S	Exonuclease I (*E. coli*)	3,000 units	M0293S
M0370L	Instant Sticky-end Ligase Master Mix	250 reactions	M0370L
M0370S	Instant Sticky-end Ligase Master Mix	50 reactions	M0370S
M0525S	Quick CIP	1,000 units	M0525S
M2200S	Quick Ligation™ Kit	30 reactions	M2200S
M2200L	Quick Ligation™ Kit	150 reactions	M2200L
M0264L	$RecJ_f$	5,000 units	M0264L
M0371L	Shrimp Alkaline Phosphatase (rSAP)	2,500 units	M0371L
M0371S	Shrimp Alkaline Phosphatase (rSAP)	500 units	M0371S
M0202M	T4 DNA Ligase	100,000 units	M0202M
M0202S	T4 DNA Ligase	20,000 units	M0202S
M0202T	T4 DNA Ligase	20,000 units	M0202T
M0202L	T4 DNA Ligase	100,000 units	M0202L
M0201S	T4 Polynucleotide Kinase	500 units	M0201S
NEB #	**Markers & Ladders**	**Size**	**Stockroom #**
N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	N3232S
N3200S	1 kb Plus DNA Ladder	200 gel lanes (0.1 ml)	N3200S
N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	N3231S
N0550S	Quick-Load® Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	N0550S
N0362S	ssRNA Ladder	25 gel lanes	N0362S

NEB #	PCR, Polymerases & Amplification Technologies	Size	Stockroom #
N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	N0447S
M0209S	DNA Polymerase I (*E. coli*)	500 units	M0209S
M0210S	DNA Polymerase I, Large (Klenow) Fragment	200 units	M0210S
M0530S	Phusion™ High-Fidelity DNA Polymerase	100 units	M0530S
M0530L	Phusion™ High-Fidelity DNA Polymerase	500 units	M0530L
M0368L	ProtoScript® II Reverse Transcriptase	10,000 units	M0368L
M0368S	ProtoScript® II Reverse Transcriptase	4,000 units	M0368S
M0491L	Q5® High-Fidelity DNA Polymerase	500 units	M0491L
M0491S	Q5® High-Fidelity DNA Polymerase	100 units	M0491S
M0493S	Q5® Hot Start High-Fidelity DNA Polymerase	100 units	M0493S
M0297S	RNase H	250 units	M0297S
M0203S	T4 DNA Polymerase	150 units	M0203S
M0273S	*Taq* DNA Polymerase with Standard *Taq* Buffer	400 units	M0273S
M0273L	*Taq* DNA Polymerase with Standard *Taq* Buffer	2,000 units	M0273L
M0267L	*Taq* DNA Polymerase with ThermoPol® Buffer	2,000 units	M0267L
M0267S	*Taq* DNA Polymerase with ThermoPol® Buffer	400 units	M0267S
NEB #	**Protein Tools**	**Size**	**Stockroom #**
P7719S	Color Prestained Protein Standard, Broad Range (10-250 kDa)	0.45 ml	P7719S
NEB #	**Restriction Endonucleases**	**Size**	**Stockroom #**
R0558S	AscI	500 units	R0558S
R0136S	BamHI	10,000 units	R0136S
R3136S	BamHI-HF®	10,000 units	R3136S
R0143S	BglI	2,000 units	R0143S
R0144S	BglII	2,000 units	R0144S
R0197S	ClaI	1,000 units	R0197S
R0176S	DpnI	1,000 units	R0176S
R0101S	EcoRI	10,000 units	R0101S
R3101S	EcoRI-HF®	10,000 units	R3101S
R0195S	EcoRV	4,000 units	R0195S
R3195S	EcoRV-HF®	4,000 units	R3195S
R0104S	HindIII	10,000 units	R0104S
R0105S	HpaI	500 units	R0105S
R3142S	KpnI-HF®	4,000 units	R3142S
R3589S	MfeI-HF®	500 units	R3589S
R0193S	NcoI	1,000 units	R0193S
R3193S	NcoI-HF®	1,000 units	R3193S
R0111S	NdeI	4,000 units	R0111S
R3131S	NheI-HF®	1,000 units	R3131S
R0189L	NotI	2,500 units	R0189L
R0189S	NotI	500 units	R0189S

R3189L	NotI-HF®	2,500 units	R3189L
R0547L	PacI	1,250 units	R0547L
R0547S	PacI	250 units	R0547S
R3156S	SacI-HF®	2,000 units	R3156S
R0157S	SacII	2,000 units	R0157S
R0138S	SalI	2,000 units	R0138S
R3138S	SalI-HF®	2,000 units	R3138S
R3642L	SbfI-HF®	2,500 units	R3642L
R3642S	SbfI-HF®	500 units	R3642S
R0141S	SmaI	2,000 units	R0141S
R3182S	SphI-HF®	500 units	R3182S
R0145S	XbaI	3,000 units	R0145S
R0146S	XhoI	5,000 units	R0146S
R0180S	XmaI	500 units	R0180S
NEB #	**RNA Synthesis and Modification**	**Size**	**Stockroom #**
M0307S	RNase Inhibitor, Human Placenta	2,000 units	M0307S

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