University of Texas, Austin

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Tray	NEB #	Buffers	Size	Quantity Available
17	B7025S	Gel Loading Dye, Purple (6X), no SDS	4 ml	3
17	B0363S	RNA Loading Dye, (2X)	4 ml	2
Tray	**NEB #**	**DNA Assembly, Cloning and Mutagenesis Kits**	**Size**	**Quantity Available**
10	E2611L	Gibson Assembly® Master Mix	50 reactions	1
10	E2611S	Gibson Assembly® Master Mix	10 reactions	1
8	M0554S	KLD Enzyme Mix	25 reactions	3
10	E2621L	NEBuilder® HiFi DNA Assembly Master Mix	50 reactions	1
10	E2621S	NEBuilder® HiFi DNA Assembly Master Mix	10 reactions	8
10	E0552S	Q5® Site-Directed Mutagenesis Kit (Without Competent Cells)	10 reactions	3
Tray	**NEB #**	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Quantity Available**
9	M0208L	*Taq* DNA Ligase	10,000 units	1
11	M0303S	DNase I (RNase-free)	1,000 units	2
7	M0525S	Quick CIP	1,000 units	1
8	M2200S	Quick Ligation™ Kit	30 reactions	1
9	M0202L	T4 DNA Ligase	100,000 units	1
	M0202S	T4 DNA Ligase	20,000 units	2
8	M0201S	T4 Polynucleotide Kinase	500 units	4
9	M0663S	T5 Exonuclease	1,000 units	2
10	M0318S	T7 DNA Ligase	100,000 units	6
Tray	**NEB #**	**Markers & Ladders**	**Size**	**Quantity Available**
15	N3232L	1 kb DNA Ladder	1,000 gel lanes (1 ml)	1
15	N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	3
15	N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	2
16	N0550S	Quick-Load® Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	2
Tray	**NEB #**	**Nucleic Acid Purification**	**Size**	**Quantity Available**
SH 3	T2037L	Monarch® Spin Columns S1A and Tubes	100 columns	1
SH 1	T1117L	Monarch® Spin Columns S2D and Tubes	100 preps	2
SH 2	T1120L	Monarch® Spin DNA Gel Extraction Kit	250 preps	1
SH 3	T1130S	Monarch® Spin PCR & DNA Cleanup Kit (5 µg)	50 preps	3
SH 1	T1110L	Monarch® Spin Plasmid Miniprep Kit	250 preps	3
SH 2	T2110L	Monarch® Spin RNA Isolation Kit (Mini)	200 preps	1
SH 2	T2110S	Monarch® Spin RNA Isolation Kit (Mini)	50 preps	out of stock

Tray	NEB #	PCR, Polymerases & Amplification Technologies	Size	Quantity Available
13	N0447S	Deoxynucleotide (dNTP) Solution Mix	8 µmol	3
13	N0447L	Deoxynucleotide (dNTP) Solution Mix	40 µmol	1
14	N0446S	Deoxynucleotide (dNTP) Solution Set	25 µmol	3
14	M3004S	Luna® Universal Probe qPCR Master Mix	200 reactions	1
13	M0480S	One*Taq*® DNA Polymerase	200 units	2
12	M0530L	Phusion™ High-Fidelity DNA Polymerase	500 units	1
12	M0530S	Phusion™ High-Fidelity DNA Polymerase	100 units	1
12	M2499S	Q5®-XT Hot Start High-Fidelity 2X Master Mix	100 reactions	2
12	M0494S	Q5® Hot Start High-Fidelity 2X Master Mix	100 reactions	2
12	M0493L	Q5® Hot Start High-Fidelity DNA Polymerase	500 units	1
12	M0491S	Q5® High-Fidelity DNA Polymerase	100 units	3
12	M0491L	Q5® High-Fidelity DNA Polymerase	500 units	5
13	M0271L	Quick-Load® *Taq* 2X Master Mix	500 reactions (50 µl)	2
11	M0314S	RNase Inhibitor, Murine	3,000 units	1
13	M0267L	*Taq* DNA Polymerase with ThermoPol® Buffer	2,000 units	3
Tray	**NEB #**	**Protein Tools**	**Size**	**Quantity Available**
17	P7718S	Blue Prestained Protein Standard, Broad Range (11-250 kDa)	0.45 ml	1
17	P7719S	Color Prestained Protein Standard, Broad Range (10-250 kDa)	0.45 ml	3
17	P8107S	Proteinase K, Molecular Biology Grade	2 ml	3
17	P8112S	TEV Protease	1,000 units	2
Tray	**NEB #**	**Restriction Endonucleases**	**Size**	**Quantity Available**
1	R3552L	AgeI-HF®	1,500 units	2
1	R0558S	AscI	500 units	3
1	R3136S	BamHI-HF®	10,000 units	2
2	R3733S	BsaI-HF®v2	1,000 units	3
2	R0553S	BsiWI	300 units	2
2	R3553L	BsiWI-HF®	1,500 units	2
2	R0739S	BsmBI-v2	200 units	2
2	R0176S	DpnI	1,000 units	4
2	R0176L	DpnI	5,000 units	2
3	R3101S	EcoRI-HF®	10,000 units	2
4	R3142S	KpnI-HF®	4,000 units	1
4	R3131S	NheI-HF®	1,000 units	3
4	R3189L	NotI-HF®	2,500 units	4
5	R3189S	NotI-HF®	500 units	2
5	R0547S	PacI	250 units	2
6	R3138S	SalI-HF®	2,000 units	3
6	R3133S	SpeI-HF®	500 units	3
6	R3133L	SpeI-HF®	2,500 units	2
7	R0145S	XbaI	3,000 units	1

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