Vanderbilt University
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NEB #	Buffers	Size	Stockroom #
B7024S	Gel Loading Dye, Purple (6X)	4 ml	B7024S
NEB #	**DNA Assembly, Cloning and Mutagenesis Kits**	**Size**	**Stockroom #**
E5510S	Gibson Assembly® Cloning Kit	10 reactions	E5510S
E2611S	Gibson Assembly® Master Mix	10 reactions	E2611S
E1202S	NEB® PCR Cloning Kit	20 reactions	E1202S
E0552S	Q5® Site-Directed Mutagenesis Kit (Without Competent Cells)	10 reactions	E0552S
NEB #	**DNA Modifying Enzymes and Cloning Technologies**	**Size**	**Stockroom #**
M0289S	Antarctic Phosphatase	1,000 units	M0289S
M0303S	DNase I (RNase-free)	1,000 units	M0303S
M2200S	Quick Ligation™ Kit	30 reactions	M2200S
M0202L	T4 DNA Ligase	100,000 units	M0202L
M0202S	T4 DNA Ligase	20,000 units	M0202S
M0201S	T4 Polynucleotide Kinase	500 units	M0201S
NEB #	**Markers & Ladders**	**Size**	**Stockroom #**
N3232S	1 kb DNA Ladder	200 gel lanes (0.2 ml)	N3232S
N3231S	100 bp DNA Ladder	100 gel lanes (0.1 ml)	N3231S
N0469S	Quick-Load® 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	N0469S
N0550S	Quick-Load® Purple 1 kb Plus DNA Ladder	250 gel lanes (1.25 ml)	N0550S
NEB #	**Nucleic Acid Purification**	**Size**	**Stockroom #**
T1120S	Monarch® Spin DNA Gel Extraction Kit	50 preps	T1120S
T1130S	Monarch® Spin PCR & DNA Cleanup Kit (5 µg)	50 preps	T1130S
T1110S	Monarch® Spin Plasmid Miniprep Kit	50 preps	T1110S
NEB #	**PCR, Polymerases & Amplification Technologies**	**Size**	**Stockroom #**
N0446S	Deoxynucleotide (dNTP) Solution Set	25 µmol	N0446S
M0210S	DNA Polymerase I, Large (Klenow) Fragment	200 units	M0210S
E3005S	Luna® Universal One-Step RT-qPCR Kit	200 reactions	E3005S
E3006S	Luna® Universal Probe One-Step RT-qPCR Kit	200 reactions	E3006S
M3004L	Luna® Universal Probe qPCR Master Mix	500 reactions	M3004L
M3004S	Luna® Universal Probe qPCR Master Mix	200 reactions	M3004S
M3003L	Luna® Universal qPCR Master Mix	500 reactions	M3003L
M3003S	Luna® Universal qPCR Master Mix	200 reactions	M3003S
M0482L	One*Taq*® 2X Master Mix with Standard Buffer	500 reactions (50 µl)	M0482L

M0480L	One*Taq*® DNA Polymerase	1,000 units	M0480L
M0480S	One*Taq*® DNA Polymerase	200 units	M0480S
M0481L	One*Taq*® Hot Start DNA Polymerase	1,000 units	M0481L
M0481S	One*Taq*® Hot Start DNA Polymerase	200 units	M0481S
M0486L	One*Taq*® Quick-Load® 2X Master Mix with Standard Buffer	500 reactions (50 µl)	M0486L
M0530S	Phusion™ High-Fidelity DNA Polymerase	100 units	M0530S
M0368S	ProtoScript® II Reverse Transcriptase	4,000 units	M0368S
M0368L	ProtoScript® II Reverse Transcriptase	10,000 units	M0368L
M0491S	Q5® High-Fidelity DNA Polymerase	100 units	M0491S
M0207S	SP6 RNA Polymerase	2,000 units	M0207S
M0203S	T4 DNA Polymerase	150 units	M0203S
M0273S	*Taq* DNA Polymerase with Standard *Taq* Buffer	400 units	M0273S
M0254S	Vent® DNA Polymerase	200 units	M0254S
NEB #	**Restriction Endonucleases**	**Size**	**Stockroom #**
R0117S	AatII	500 units	R0117S
R0161S	AccI	1,000 units	R0161S
R0520S	AflII	2,000 units	R0520S
R3552S	AgeI-HF®	300 units	R3552S
R0137S	AluI	1,000 units	R0137S
R3136S	BamHI-HF®	10,000 units	R3136S
R0143S	BglI	2,000 units	R0143S
R0144S	BglII	2,000 units	R0144S
R0199S	BssHII	500 units	R0199S
R0197S	ClaI	1,000 units	R0197S
R0175S	DdeI	1,000 units	R0175S
R0176S	DpnI	1,000 units	R0176S
R3101S	EcoRI-HF®	10,000 units	R3101S
R3195S	EcoRV-HF®	4,000 units	R3195S
R0103S	HincII	1,000 units	R0103S
R3104S	HindIII-HF®	10,000 units	R3104S
R0105S	HpaI	500 units	R0105S
R3142S	KpnI-HF®	4,000 units	R3142S
R3589S	MfeI-HF®	500 units	R3589S
R0534S	MscI	250 units	R0534S
R0191S	NarI	500 units	R0191S
R3193S	NcoI-HF®	1,000 units	R3193S
R0111S	NdeI	4,000 units	R0111S
R3131S	NheI-HF®	1,000 units	R3131S
R3189S	NotI-HF®	500 units	R3189S
R0127S	NsiI	1,000 units	R0127S
R0547S	PacI	250 units	R0547S
R0560S	PmeI	500 units	R0560S
R3140S	PstI-HF®	10,000 units	R3140S

R3150S	PvuI-HF®	500 units	R3150S
R3151S	PvuII-HF®	5,000 units	R3151S
R3156S	SacI-HF®	2,000 units	R3156S
R0157S	SacII	2,000 units	R0157S
R3138S	SalI-HF®	2,000 units	R3138S
R3122S	ScaI-HF®	1,000 units	R3122S
R0123S	SfiI	3,000 units	R0123S
R0141S	SmaI	2,000 units	R0141S
R0130S	SnaBI	500 units	R0130S
R3182S	SphI-HF®	500 units	R3182S
R0187S	StuI	1,000 units	R0187S
R0145S	XbaI	3,000 units	R0145S
R0146S	XhoI	5,000 units	R0146S
R0180S	XmaI	500 units	R0180S
NEB #	**RNA Synthesis and Modification**	**Size**	**Stockroom #**
M0251S	T7 RNA Polymerase	5,000 units	M0251S

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