

| NEB #  | Buffers   | Size                   | Stockroom # |
|--------|---|------------------------|-------------|
| B7024S | Gel Loading Dye, Purple (6X)                                | 4 ml                   | B7024S      |
| B7021S | Gel Loading Dye, Blue (6X)                                  | 4 ml                   | B7021S      |
| NEB #  | Competent Cells   | Size                   | Stockroom # |
| C2987H | NEB® 5-alpha Competent <i>E. coli</i> (High Efficiency)     | 20 x 0.05 ml           | C2987H      |
| C2992H | NEB® 5-alpha F'λ Competent <i>E. coli</i> (High Efficiency) | 20 x 0.05 ml           | C2992H      |
| NEB #  | DNA Assembly, Cloning and Mutagenesis Kits                  | Size                   | Stockroom # |
| 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      |
| M0293L | Exonuclease I ( <i>E. coli</i> )                            | 15,000 units           | M0293L      |
| M0212L | Klenow Fragment (3'→5' exo-)                                | 1,000 units            | M0212L      |
| M0212S | Klenow Fragment (3'→5' exo-)                                | 200 units              | M0212S      |
| E2612S | NEBNext® Microbiome DNA Enrichment Kit                      | 6 reactions            | E2612S      |
| M2200L | Quick Ligation™ Kit   | 150 reactions          | M2200L      |
| M2200S | Quick Ligation™ Kit   | 30 reactions           | M2200S      |
| M0202M | T4 DNA Ligase   | 100,000 units          | M0202M      |
| M0202L | T4 DNA Ligase   | 100,000 units          | M0202L      |
| M0202S | T4 DNA Ligase   | 20,000 units           | M0202S      |
| M0201L | T4 Polynucleotide Kinase                                    | 2,500 units            | M0201L      |
| M0201S | T4 Polynucleotide Kinase                                    | 500 units              | M0201S      |
| M0208S | Taq DNA Ligase  | 2,000 units            | M0208S      |
| NEB #  | Markers & Ladders   | Size                   | Stockroom # |
| N3232S | 1 kb DNA Ladder   | 200 gel lanes (0.2 ml) | N3232S      |
| N3232L | 1 kb DNA Ladder   | 1,000 gel lanes (1 ml) | N3232L      |
| 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      |
| N3231L | 100 bp DNA Ladder   | 500 gel lanes (0.5 ml) | N3231L      |
| N3233S | Low Molecular Weight DNA Ladder                             | 100 gel lanes (0.1 ml) | N3233S      |
| NEB #  | Nucleic Acid Purification                                   | Size                   | Stockroom # |
| T2040S | Monarch® Spin RNA Cleanup Kit (50 µg)                       | 10 preps               | T2040S      |

| T1120S | Monarch <sup>®</sup> Spin DNA Gel Extraction Kit                 | 50 preps              | T1120S      |
|--------|--|-----------------------|-------------|
| T1120L | Monarch <sup>®</sup> Spin DNA Gel Extraction Kit                 | 250 preps             | T1120L      |
| T1130S | Monarch <sup>®</sup> Spin PCR & DNA Cleanup Kit (5 µg)           | 50 preps              | T1130S      |
| T1130L | Monarch <sup>®</sup> Spin PCR & DNA Cleanup Kit (5 µg)           | 250 preps             | T1130L      |
| T1110L | Monarch <sup>®</sup> Spin Plasmid Miniprep Kit                   | 250 preps             | T1110L      |
| T1110S | Monarch <sup>®</sup> Spin Plasmid Miniprep Kit                   | 50 preps              | T1110S      |
| T2050S | Monarch <sup>®</sup> Spin RNA Cleanup Kit (500 µg)               | 10 preps              | T2050S      |
| NEB #  | PCR, Polymerases & Amplification Technologies                    | Size                  | Stockroom # |
| M0210S | DNA Polymerase I, Large (Klenow) Fragment                        | 200 units             | M0210S      |
| M0287S | LongAmp <sup>®</sup> Taq 2X Master Mix                           | 100 reactions (50 µl) | M0287S      |
| M0532S | Phusion <sup>™</sup> High-Fidelity PCR Master Mix with GC Buffer | 100 reactions (50 µl) | M0532S      |
| M0531S | Phusion <sup>™</sup> High-Fidelity PCR Master Mix with HF Buffer | 100 reactions (50 µl) | M0531S      |
| M0530L | Phusion <sup>™</sup> High-Fidelity DNA Polymerase                | 500 units             | M0530L      |
| M0530S | Phusion <sup>™</sup> High-Fidelity DNA Polymerase                | 100 units             | M0530S      |
| M0492S | Q5 <sup>®</sup> High-Fidelity 2X Master Mix                      | 100 reactions (50 µl) | M0492S      |
| M0492L | Q5 <sup>®</sup> High-Fidelity 2X Master Mix                      | 500 reactions (50 µl) | M0492L      |
| M0491L | Q5 <sup>®</sup> High-Fidelity DNA Polymerase                     | 500 units             | M0491L      |
| M0491S | Q5 <sup>®</sup> High-Fidelity DNA Polymerase                     | 100 units             | M0491S      |
| M0203L | T4 DNA Polymerase  | 750 units             | M0203L      |
| M0273S | Taq DNA Polymerase with Standard Taq Buffer                      | 400 units             | M0273S      |
| M0273L | Taq DNA Polymerase with Standard Taq Buffer                      | 2,000 units           | M0273L      |
| NEB #  | Protein Tools  | Size                  | Stockroom # |
| P8107S | Proteinase K, Molecular Biology Grade                            | 2 ml                  | P8107S      |
| NEB #  | Restriction Endonucleases  | Size                  | Stockroom # |
| R3552S | Agel-HF <sup>®</sup>   | 300 units             | R3552S      |
| R3136S | BamHI-HF <sup>®</sup>  | 10,000 units          | R3136S      |
| R3539L | BbsI-HF <sup>®</sup>   | 1,500 units           | R3539L      |
| R3539S | BbsI-HF <sup>®</sup>   | 300 units             | R3539S      |
| R0144S | BglII  | 2,000 units           | R0144S      |
| R0531S | BsaAI  | 500 units             | R0531S      |
| R0176L | DpnI   | 5,000 units           | R0176L      |
| R0176S | DpnI   | 1,000 units           | R0176S      |
| R3101S | EcoRI-HF <sup>®</sup>  | 10,000 units          | R3101S      |
| R3195S | EcoRV-HF <sup>®</sup>  | 4,000 units           | R3195S      |
| R3104S | HindIII-HF <sup>®</sup>  | 10,000 units          | R3104S      |
| R3589S | MfeI-HF <sup>®</sup>   | 500 units             | R3589S      |
| R3198S | MluI-HF <sup>®</sup>   | 1,000 units           | R3198S      |
| R3193S | NcoI-HF <sup>®</sup>   | 1,000 units           | R3193S      |
| R0111S | NdeI   | 4,000 units           | R0111S      |
| R3131S | NheI-HF <sup>®</sup>   | 1,000 units           | R3131S      |
| R3189L | NotI-HF <sup>®</sup>   | 2,500 units           | R3189L      |

|        |                      |             |        |
|--------|----------------------|-------------|--------|
| R3189S | NotI-HF <sup>®</sup> | 500 units   | R3189S |
| R3138S | Sall-HF <sup>®</sup> | 2,000 units | R3138S |
| R3182S | SphI-HF <sup>®</sup> | 500 units   | R3182S |
| R0145S | XbaI                 | 3,000 units | R0145S |
| R0146S | XhoI                 | 5,000 units | R0146S |

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