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| MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |
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| MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |
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| MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |  | MassRuler Mix |
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| T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |  | T10E1 |
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| T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |
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| T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |  | T10E5 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |  | 95%EtOH |
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| 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |
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| 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |  | 70%EtOH |
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| Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |
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| Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |  | Isopropyl |
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| 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |
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| 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |  | 3MNaOAc |
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| 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |
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| 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |  | 5MKOAc |
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| DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |
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| DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |  | DEB |
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| 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |
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| 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |  | 6XLoading dye |
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| dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |
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| dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |
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| dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |  | dNTP2.5 mM |
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| sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |
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| sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |  | sterile water |
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| 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |
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| 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |  | 10 µLspermidine20 mM |
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| Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |
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| Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |  | Zymo-spin wash buffer |
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| Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |
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| Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |  | Zymo-spin DNA binding buffer |
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| RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |
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| RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |  | RLT |
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| RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |
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| RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |  | RW1 |
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| RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |
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| RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |  | RDD |
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| 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |
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| 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |  | 10 µLDNAse |
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| RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |
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| RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |  | RPE |
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| 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |
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| 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |  | 10 mMTrispH 7.5 |
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| 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |
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| 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |  | 0.1%agar |
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| oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |
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| oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |  | oligo dT50µM |
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| 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |
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| 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |  | 10 mMdNTP |
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| RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |
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| RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |  | RNase-freeH2O |
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| 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |  | 5X 1ststrandbuffer |
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| 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |
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| 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |  | 0.1MDTT |
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| SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |  | SYBR green PCR master mix |
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