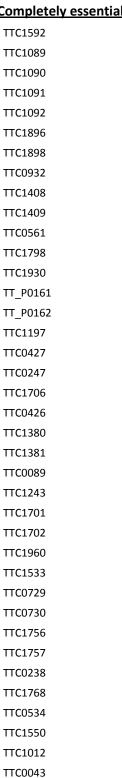
Additional File 4: Essential Genes

Completely essential (Essential in both the media)



TTC1396 TTC1866 TTC1080 TTC0801

TTC0062

TTC1079

TTC0061

TTC1652

TTC0370

TTC1280

TTC1944

TTC1546

TTC1547

TTC1393

TTC0838

TTC0500

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TTC1020 TTC0989

TTC1019

TTC0088

TTC1492

TTC1493

TTC0800

TTC1929

TTC1491

TTC0017

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TTC0691 TTC0721

TTC1854

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TTC1378

TTC0983

TTC0815

TTC0505

TTC1614

TTC0504

TTC1815

TTC1816 TTC1438

TTC1677

TTC1983

TTC1986

TT_P0057

TT_P0066

TTC0447

TTC1543

TTC0769

TTC0770

TTC1671

TTC1672 TTC0905 TTC0906 TTC0907 TTC0908 TTC0909 TTC0910 TTC0911 TTC0912 TTC0260 TTC0616 TTC0688 TTC1463 TTC0048 TTC1678 TT_P0059 TT_P0062 TT_P0061 TTC0898 TTC1724 TTC1725

Conditionally essential (Essential only in minimal media)

TTC0978

TTC0374

TTC1172

TTC0117

TTC1028

TTC0115

TTC0177

TTC0166

TTC1636

TTC0407

TTC0253

TTC1870

TTC0867 TTC0850

TTC0871

TTC0851

TTC0852

TTC1656

TTC0447

TTC1875

TTC0328