

Table S4. Secondary structure and predicted signal peptide of CalS protein in Sorghum

Gene name	Alpha helix	Beta turn	Random coil	Extended strand
<i>SbCalS1</i>	1057 (54.32%)	77 (3.96%)	562 (28.88%)	250 (12.85%)
<i>SbCalS2</i>	1060 (55.58%)	74 (3.88%)	509 (26.69%)	264 (13.84%)
<i>SbCalS3</i>	1066 (55.69%)	84 (4.39%)	511 (26.70%)	253 (13.22%)
<i>SbCalS4</i>	1039 (53.72%)	82 (4.24%)	563 (29.11%)	250 (12.93%)
<i>SbCalS5</i>	1058 (55.63%)	72 (3.79%)	517 (27.18%)	255 (13.41%)
<i>SbCalS6</i>	947 (53.23%)	72 (4.05%)	505 (28.39%)	255 (14.33%)
<i>SbCalS7</i>	986 (55.08%)	72 (4.02%)	483 (26.98%)	249 (13.91%)
<i>SbCalS8</i>	1056 (53.01%)	73 (3.66%)	613 (30.77%)	250 (12.55%)
<i>SbCalS9</i>	1053 (53.94%)	85 (4.35%)	563 (28.84%)	251 (12.86%)
<i>SbCalS10</i>	1051 (53.79%)	79 (4.04%)	566 (28.97%)	258 (13.20%)
<i>SbCalS11</i>	1074 (54.66%)	81 (4.12%)	560 (28.50%)	250 (12.72%)