

Table S1. Physicochemical properties of StBTB proteins.

Gene name	Molecular weight	Isoelectric point	Instability index	Aliphatic index	GRAVY
StBTB1	44974.76	6.07	40.55	81.33	-0.291
StBTB2	94892.40	5.52	53.02	75.53	-0.352
StBTB3	45182.59	6.02	35.53	90.79	-0.111
StBTB4	64855.17	6.04	49.93	89.53	-0.44
StBTB5	62965.09	5.18	55.20	74.09	-0.387
StBTB6	63575.64	8.98	40.07	96.19	-0.24
StBTB7	69014.65	6.78	34.07	85.99	-0.303
StBTB8	69867.04	5.74	45.44	87.14	-0.284
StBTB9	31936.05	5.31	55.40	77.96	-0.564
StBTB10	47426.68	4.97	39.06	104.39	0.045
StBTB11	64360.48	6.03	37.36	89.12	-0.213
StBTB12	54586.29	8.34	54.18	91.91	-0.3
StBTB13	43108.04	9.32	53.60	78.41	-0.433
StBTB14	68636.15	6.46	45.74	84.44	-0.343
StBTB15	66610.58	6.56	39.93	92.95	-0.224
StBTB16	18087.76	4.99	37.56	99.88	0.119
StBTB17	70094.86	7.50	44.78	86.17	-0.32
StBTB18	39521.12	9.18	61.43	84.75	-0.43
StBTB19	50646.89	6.03	50.55	94.32	-0.116
StBTB20	92044.17	5.30	43.25	89.29	-0.118
StBTB21	55575.89	8.18	51.19	87.15	-0.458
StBTB22	29300.84	9.04	21.89	93.16	-0.171
StBTB23	37676.95	5.64	38.52	83.18	-0.151
StBTB24	67920.43	6.67	51.03	87.91	-0.34
StBTB25	31083.71	5.59	33.57	94.44	-0.132
StBTB26	39993.71	9.23	62.06	90.23	-0.318
StBTB27	40831.39	8.81	61.42	84.64	-0.473
StBTB28	65199.54	6.52	48.32	89.86	-0.48
StBTB29	59887.95	6.37	44.23	113.48	0.125
StBTB30	16648.92	4.62	29.01	88.70	-0.055
StBTB31	69593.25	6.46	43.54	91.50	-0.208
StBTB32	64374.17	7.17	33.72	94.69	-0.137
StBTB33	64579.71	5.66	44.60	92.42	-0.345
StBTB34	78154.78	8.39	55.12	90.52	-0.286
StBTB35	65471.59	4.84	50.44	89.64	-0.268
StBTB36	37372.73	5.65	41.26	96.43	-0.179
StBTB37	69021.61	8.92	42.21	92.07	-0.256
StBTB38	45248.57	8.89	48.90	91.14	-0.124
StBTB39	59327.17	5.17	50.07	81.95	-0.311
StBTB40	52632.78	5.94	42.77	95.19	-0.027
StBTB41	50526.22	5.35	47.63	94.65	-0.03
StBTB42	66892.56	5.48	45.94	88.80	-0.218
StBTB43	64675.52	5.86	42.78	96.31	-0.108

StBTB44	68584.44	6.64	46.67	90.43	-0.288
StBTB45	78339.60	5.86	47.84	104.31	-0.131
StBTB46	45580.73	5.93	31.96	83.26	-0.173
StBTB47	70614.17	9.06	46.79	97.52	-0.245
StBTB48	84641.60	5.86	51.58	102.04	0.027
StBTB49	62567.13	5.40	50.57	77.79	-0.291
StBTB50	86709.85	6.49	37.45	86.37	-0.228
StBTB51	68593.97	5.50	43.43	84.41	-0.327
StBTB52	53415.76	6.14	52.27	91.48	-0.199
StBTB53	54288.74	6.28	54.16	90.35	-0.234
StBTB54	38063.64	5.73	52.24	92.20	-0.283
StBTB55	44966.77	5.66	35.64	82.48	-0.218
StBTB56	62366.91	5.23	45.69	80.00	-0.202
StBTB57	29939.41	6.55	50.90	96.29	-0.205

Table S2. Secondary structure composition of StBTB proteins.

	Alpha helix	Extended strand	Beta turn	Random coil
StBTB1	38.77%	16.54%	4.44%	40.25%
StBTB2	30.40%	15.14%	5.90%	48.55%
StBTB3	40.54%	14.50%	5.41%	39.56%
StBTB4	59.41%	4.70%	1.92%	33.97%
StBTB5	42.75%	15.04%	2.36%	39.86%
StBTB6	57.94%	8.12%	2.53%	31.41%
StBTB7	51.12%	6.55%	2.40%	39.94%
StBTB8	52.15%	6.20%	2.70%	38.95%
StBTB9	57.71%	7.53%	1.43%	33.33%
StBTB10	59.43%	7.08%	2.59%	30.90%
StBTB11	53.18%	6.37%	3.96%	36.49%
StBTB12	52.46%	7.17%	2.25%	38.11%
StBTB13	55.82%	5.03%	3.44%	35.71%
StBTB14	51.71%	5.06%	2.28%	40.95%
StBTB15	57.21%	5.03%	1.85%	35.91%
StBTB16	59.04%	13.86%	4.82%	22.29%
StBTB17	51.67%	6.86%	2.55%	38.92%
StBTB18	62.32%	4.64%	2.90%	30.14%
StBTB19	47.51%	7.81%	5.42%	39.26%
StBTB20	35.20%	20.65%	7.46%	36.69%
StBTB21	58.21%	3.53%	2.29%	35.97%
StBTB22	56.77%	7.14%	4.14%	31.95%
StBTB23	38.82%	14.12%	5.29%	41.76%
StBTB24	56.26%	6.68%	2.34%	34.72%

StBTB25	55.56%	8.96%	3.58%	31.90%
StBTB26	62.46%	4.01%	2.87%	30.66%
StBTB27	61.32%	4.30%	2.01%	32.38%
StBTB28	61.95%	4.19%	2.09%	31.76%
StBTB29	61.90%	9.48%	4.83%	23.79%
StBTB30	50.00%	21.92%	6.85%	21.23%
StBTB31	52.63%	7.02%	3.67%	36.68%
StBTB32	56.42%	6.25%	2.43%	34.90%
StBTB33	56.17%	5.74%	3.48%	34.61%
StBTB34	53.42%	4.66%	1.75%	40.17%
StBTB35	55.29%	8.67%	4.33%	31.72%
StBTB36	47.56%	17.07%	3.66%	31.71%
StBTB37	50.57%	8.46%	1.79%	39.19%
StBTB38	51.61%	6.95%	3.97%	37.47%
StBTB39	42.20%	16.57%	2.31%	38.92%
StBTB40	45.75%	16.34%	3.70%	34.20%
StBTB41	46.05%	17.38%	2.93%	33.63%
StBTB42	54.21%	7.41%	2.86%	35.52%
StBTB43	56.92%	6.57%	2.94%	33.56%
StBTB44	56.51%	5.93%	1.15%	36.41%
StBTB45	58.62%	8.05%	5.08%	28.25%
StBTB46	39.42%	15.82%	4.62%	40.15%
StBTB47	55.64%	6.52%	1.91%	35.93%
StBTB48	54.07%	10.01%	4.81%	31.11%
StBTB49	43.01%	13.79%	2.54%	40.65%
StBTB50	48.47%	12.28%	3.32%	35.93%
StBTB51	50.49%	7.70%	2.13%	39.67%
StBTB52	49.08%	7.39%	4.93%	38.60%
StBTB53	44.90%	8.98%	5.10%	41.02%
StBTB54	49.09%	14.94%	3.96%	32.01%
StBTB55	40.20%	15.93%	5.39%	38.48%
StBTB56	43.96%	14.77%	2.88%	38.38%
StBTB57	45.83%	10.61%	4.55%	39.02%

Table S3. GO IDs and names of *StBTBs*.

Gene	GO IDs	GO Names
<i>StBTB1</i>	P:GO:0016567; P:GO:0071472	P:protein ubiquitination; P:cellular response to salt stress
<i>StBTB2</i>	F:GO:0005515	F:protein binding
<i>StBTB3</i>	P:GO:0016567; P:GO:0071472	P:protein ubiquitination; P:cellular response to salt stress
<i>StBTB4</i>	P:GO:0016567	P:protein ubiquitination

<i>StBTB5</i>	P:GO:0010114; C:GO:0005634	P:response to red light; C:nucleus
<i>StBTB6</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB7</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB8</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB9</i>	P:GO:0030162; P:GO:0043161; F:GO:0031625; C:GO:0005737	P:regulation of proteolysis; P:proteasome-mediated ubiquitin-dependent protein catabolic process; F:ubiquitin protein ligase binding; C:cytoplasm
<i>StBTB10</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB11</i>	P:GO:0009862; P:GO:0042742; P:GO:0050832; P:GO:2000022; P:GO:2000031; C:GO:0005634	P:systemic acquired resistance, salicylic acid mediated signaling pathway; P:defense response to bacterium; P:defense response to fungus; P:regulation of jasmonic acid mediated signaling pathway; P:regulation of salicylic acid mediated signaling pathway; C:nucleus
<i>StBTB12</i>	P:GO:0016567; F:GO:0003755	P:protein ubiquitination; F:peptidyl-prolyl cis-trans isomerase activity
<i>StBTB13</i>	P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872	P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding
<i>StBTB14</i>	P:GO:0016567; C:GO:0016020	P:protein ubiquitination; C:membrane
<i>StBTB15</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB16</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB17</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB18</i>	P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872; C:GO:0005634	P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding; C:nucleus
<i>StBTB19</i>	P:GO:0006355; P:GO:0009864; P:GO:0099402; F:GO:0000976; C:GO:0005634	P:regulation of DNA-templated transcription; P:induced systemic resistance, jasmonic acid mediated signaling pathway; P:plant organ development; F:transcription cis-regulatory region binding; C:nucleus
<i>StBTB20</i>	F:GO:0005515	F:protein binding
<i>StBTB21</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB22</i>	F:GO:0005515	F:protein binding
<i>StBTB23</i>	P:GO:0031396; P:GO:0071472; F:GO:0042802; C:GO:0005634; C:GO:0005829	P:regulation of protein ubiquitination; P:cellular response to salt stress; F:identical protein binding; C:nucleus; C:cytosol
<i>StBTB24</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB25</i>	F:GO:0005515	F:protein binding

<i>StBTB26</i>	P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872; C:GO:0005634	P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding; C:nucleus
<i>StBTB27</i>	P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872; C:GO:0005634	P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding; C:nucleus
<i>StBTB28</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB29</i>	P:GO:0008285; P:GO:2000104; C:GO:0031261	P:negative regulation of cell population proliferation; P:negative regulation of DNA-templated DNA replication; C:DNA replication preinitiation complex
<i>StBTB30</i>	P:GO:0042127; P:GO:0048523; C:GO:0005634	P:regulation of cell population proliferation; P:negative regulation of cellular process; C:nucleus
<i>StBTB31</i>	P:GO:0001666; P:GO:0009408; P:GO:0009611; P:GO:0009625; P:GO:0009682; P:GO:0009862; P:GO:0010112; P:GO:0031348; P:GO:0045893; P:GO:0050832; P:GO:0080027; P:GO:0106167; P:GO:2000022; P:GO:2000031; C:GO:0005737; C:GO:0090575	P:response to hypoxia; P:response to heat; P:response to wounding; P:response to insect; P:induced systemic resistance; P:systemic acquired resistance, salicylic acid mediated signaling pathway; P:regulation of systemic acquired resistance; P:negative regulation of defense response; P:positive regulation of DNA-templated transcription; P:defense response to fungus; P:response to herbivore; P:extracellular ATP signaling; P:regulation of jasmonic acid mediated signaling pathway; P:regulation of salicylic acid mediated signaling pathway; C:cytoplasm; C:RNA polymerase II transcription regulator complex
<i>StBTB32</i>	P:GO:0009638; P:GO:0009904; P:GO:0016567; C:GO:0005634; C:GO:0005737	P:phototropism; P:chloroplast accumulation movement; P:protein ubiquitination; C:nucleus; C:cytoplasm
<i>StBTB33</i>	P:GO:0009862; P:GO:0042742; P:GO:0050832; P:GO:2000022; P:GO:2000031; C:GO:0005634	P:systemic acquired resistance, salicylic acid mediated signaling pathway; P:defense response to bacterium; P:defense response to fungus; P:regulation of jasmonic acid mediated signaling pathway; P:regulation of salicylic acid mediated signaling pathway; C:nucleus
<i>StBTB34</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB35</i>	C:GO:0000151; C:GO:0005737	C:ubiquitin ligase complex; C:cytoplasm
<i>StBTB36</i>	P:GO:0009628	P:response to abiotic stimulus
<i>StBTB37</i>	P:GO:0016567	P:protein ubiquitination

<i>StBTB38</i>	P:GO:0009409; P:GO:0009651; P:GO:0009723; P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872	P:response to cold; P:response to salt stress; P:response to ethylene; P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding
<i>StBTB39</i>	P:GO:0010114; C:GO:0005634	P:response to red light; C:nucleus
<i>StBTB40</i>	P:GO:0010114; C:GO:0005634	P:response to red light; C:nucleus
<i>StBTB41</i>	P:GO:0010114; C:GO:0005634	P:response to red light; C:nucleus
<i>StBTB42</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB43</i>	P:GO:0016567; C:GO:0016020	P:protein ubiquitination; C:membrane
<i>StBTB44</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB45</i>	F:GO:0005515	F:protein binding
<i>StBTB46</i>	P:GO:0016567; P:GO:0071472	P:protein ubiquitination; P:cellular response to salt stress
<i>StBTB47</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB48</i>	F:GO:0005515	F:protein binding
<i>StBTB49</i>	P:GO:0010114; C:GO:0005634	P:response to red light; C:nucleus
<i>StBTB50</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB51</i>	P:GO:0016567	P:protein ubiquitination
<i>StBTB52</i>	P:GO:0006355; P:GO:0009864; P:GO:0099402; F:GO:0000976; C:GO:0005634	P:regulation of DNA-templated transcription; P:induced systemic resistance, jasmonic acid mediated signaling pathway; P:plant organ development; F:transcription cis-regulatory region binding; C:nucleus
<i>StBTB53</i>	P:GO:0006355; P:GO:0009864; P:GO:0099402; F:GO:0000976; C:GO:0005634	P:regulation of DNA-templated transcription; P:induced systemic resistance, jasmonic acid mediated signaling pathway; P:plant organ development; F:transcription cis-regulatory region binding; C:nucleus
<i>StBTB54</i>	F:GO:0005515	F:protein binding
<i>StBTB55</i>	P:GO:0016567; P:GO:0071472	P:protein ubiquitination; P:cellular response to salt stress
<i>StBTB56</i>		
<i>StBTB57</i>	P:GO:0009628; P:GO:0009751; P:GO:0042542; F:GO:0005516; F:GO:0046872	P:response to abiotic stimulus; P:response to salicylic acid; P:response to hydrogen peroxide; F:calmodulin binding; F:metal ion binding

Table S4. miRNAs targeting *StBTBs* and their mode of inhibition.

miRNA Acc.	Target Acc.	Target_start	Target_end	Inhibition
stu-miR162a-5p	<i>StBTB1</i>	929	948	Cleavage
stu-miR162b-5p	<i>StBTB1</i>	929	948	Cleavage
stu-miR5303g	<i>StBTB1</i>	735	758	Cleavage
stu-miR5303i	<i>StBTB1</i>	735	758	Cleavage
stu-miR5303j	<i>StBTB1</i>	736	759	Cleavage
stu-miR167a-5p	<i>StBTB2</i>	2446	2467	Translation
stu-miR167b-5p	<i>StBTB2</i>	2446	2467	Translation
stu-miR167c-5p	<i>StBTB2</i>	2446	2467	Translation
stu-miR167d-5p	<i>StBTB2</i>	2446	2467	Translation
stu-miR319a-5p	<i>StBTB2</i>	1379	1399	Cleavage
stu-miR7990b	<i>StBTB2</i>	1659	1682	Cleavage
stu-miR8002-3p	<i>StBTB2</i>	450	473	Cleavage
stu-miR8035	<i>StBTB2</i>	1839	1860	Cleavage
stu-miR477a-5p	<i>StBTB3</i>	1066	1086	Cleavage
stu-miR5303h	<i>StBTB3</i>	916	939	Translation
stu-miR8015-3p	<i>StBTB3</i>	618	641	Cleavage
stu-miR8051-3p	<i>StBTB3</i>	730	750	Translation
stu-miR172c-5p	<i>StBTB4</i>	150	168	Translation
stu-miR7981-5p	<i>StBTB4</i>	430	453	Translation
stu-miR8031	<i>StBTB4</i>	1102	1124	Cleavage
stu-miR160a-5p	<i>StBTB5</i>	1525	1545	Cleavage
stu-miR160b	<i>StBTB5</i>	1525	1545	Cleavage
stu-miR169a-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169b-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169c-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169d-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169e-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169f-5p	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169g	<i>StBTB5</i>	988	1007	Cleavage
stu-miR169h	<i>StBTB5</i>	988	1007	Cleavage
stu-miR395a	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395b	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395c	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395d	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395e	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395f	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395g	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395h	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395i	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR395j	<i>StBTB5</i>	1321	1341	Cleavage
stu-miR5303f	<i>StBTB5</i>	411	434	Cleavage
stu-miR8011a-5p	<i>StBTB5</i>	435	458	Cleavage
stu-miR8035	<i>StBTB5</i>	303	324	Translation
stu-miR8051-5p	<i>StBTB5</i>	1556	1575	Cleavage

stu-miR482b-5p	<i>StBTB6</i>	367	387	Cleavage
stu-miR8029	<i>StBTB6</i>	1634	1657	Cleavage
stu-miR1886g-3p	<i>StBTB7</i>	42	63	Translation
stu-miR1886h	<i>StBTB7</i>	41	64	Cleavage
stu-miR319a-5p	<i>StBTB7</i>	1355	1375	Translation
stu-miR5303h	<i>StBTB7</i>	1134	1157	Cleavage
stu-miR8006-5p	<i>StBTB7</i>	1024	1047	Cleavage
stu-miR8015-3p	<i>StBTB7</i>	1086	1109	Cleavage
stu-miR398b-3p	<i>StBTB8</i>	352	372	Cleavage
stu-miR8028-5p	<i>StBTB8</i>	630	653	Cleavage
stu-miR164-5p	<i>StBTB9</i>	269	289	Cleavage
stu-miR3627-3p	<i>StBTB10</i>	256	276	Cleavage
stu-miR5303h	<i>StBTB10</i>	459	482	Cleavage
stu-miR172e-5p	<i>StBTB11</i>	828	848	Cleavage
stu-miR3627-5p	<i>StBTB11</i>	537	558	Cleavage
stu-miR408b-5p	<i>StBTB11</i>	1670	1690	Cleavage
stu-miR6024-3p	<i>StBTB11</i>	159	180	Cleavage
stu-miR8027	<i>StBTB11</i>	256	279	Translation
stu-miR319a-5p	<i>StBTB12</i>	1074	1094	Cleavage
stu-miR5303g	<i>StBTB12</i>	1244	1267	Translation
stu-miR5303i	<i>StBTB12</i>	1244	1267	Translation
stu-miR8036-5p	<i>StBTB12</i>	78	98	Cleavage
stu-miR7993a	<i>StBTB13</i>	495	518	Cleavage
stu-miR7993b-3p	<i>StBTB13</i>	495	518	Cleavage
stu-miR7993c	<i>StBTB13</i>	495	518	Cleavage
stu-miR7993d	<i>StBTB13</i>	495	518	Cleavage
stu-miR8002-5p	<i>StBTB13</i>	574	596	Cleavage
stu-miR8014-3p	<i>StBTB13</i>	365	388	Translation
stu-miR8029	<i>StBTB13</i>	401	424	Cleavage
stu-miR171d-3p	<i>StBTB14</i>	979	999	Translation
stu-miR6149-5p	<i>StBTB14</i>	8	28	Cleavage
stu-miR7999-5p	<i>StBTB14</i>	737	760	Cleavage
stu-miR8006-5p	<i>StBTB14</i>	87	110	Cleavage
stu-miR172b-5p	<i>StBTB15</i>	396	416	Translation
stu-miR398b-3p	<i>StBTB15</i>	593	613	Cleavage
stu-miR482e-5p	<i>StBTB15</i>	1597	1617	Cleavage
stu-miR530	<i>StBTB15</i>	81	101	Cleavage
stu-miR6024-3p	<i>StBTB15</i>	1127	1147	Translation
stu-miR8019-5p	<i>StBTB15</i>	9	31	Translation
stu-miR8029	<i>StBTB15</i>	815	838	Cleavage
stu-miR8019-5p	<i>StBTB16</i>	9	31	Translation
stu-miR319a-5p	<i>StBTB17</i>	1355	1375	Translation
stu-miR1886g-5p	<i>StBTB18</i>	250	273	Cleavage
stu-miR1919-5p	<i>StBTB18</i>	756	776	Cleavage
stu-miR7980a	<i>StBTB18</i>	252	275	Translation
stu-miR8017	<i>StBTB18</i>	358	381	Cleavage
stu-miR1886g-5p	<i>StBTB19</i>	1194	1217	Cleavage
stu-miR319a-3p	<i>StBTB19</i>	174	194	Translation

stu-miR319b	<i>StBTB19</i>	175	194	Translation
stu-miR397-5p	<i>StBTB19</i>	397	417	Cleavage
stu-miR7122-3p	<i>StBTB19</i>	355	375	Cleavage
stu-miR8002-3p	<i>StBTB19</i>	278	301	Cleavage
stu-miR171d-3p	<i>StBTB20</i>	2104	2124	Cleavage
stu-miR408a-3p	<i>StBTB20</i>	80	99	Cleavage
stu-miR479	<i>StBTB20</i>	2103	2123	Cleavage
stu-miR7980a	<i>StBTB20</i>	1469	1492	Cleavage
stu-miR8005b-5p	<i>StBTB20</i>	57	80	Cleavage
stu-miR8036-5p	<i>StBTB20</i>	94	114	Cleavage
stu-miR164-3p	<i>StBTB21</i>	1118	1138	Cleavage
stu-miR172a-3p	<i>StBTB21</i>	1080	1100	Cleavage
stu-miR172b-3p	<i>StBTB21</i>	1080	1100	Cleavage
stu-miR172c-3p	<i>StBTB21</i>	1082	1100	Cleavage
stu-miR172e-3p	<i>StBTB21</i>	1080	1100	Cleavage
stu-miR390-3p	<i>StBTB21</i>	1386	1406	Cleavage
stu-miR5303j	<i>StBTB21</i>	928	951	Translation
stu-miR7993a	<i>StBTB21</i>	795	818	Cleavage
stu-miR7993b-3p	<i>StBTB21</i>	795	818	Cleavage
stu-miR7993c	<i>StBTB21</i>	795	818	Cleavage
stu-miR7993d	<i>StBTB21</i>	795	818	Cleavage
stu-miR827-5p	<i>StBTB21</i>	1179	1199	Cleavage
stu-miR156f-5p	<i>StBTB22</i>	324	343	Cleavage
stu-miR6024-3p	<i>StBTB22</i>	274	295	Cleavage
stu-miR8022	<i>StBTB22</i>	720	743	Translation
stu-miR8036-3p	<i>StBTB22</i>	481	502	Cleavage
stu-miR8036-3p	<i>StBTB22</i>	610	631	Cleavage
stu-miR8037	<i>StBTB22</i>	160	181	Translation
stu-miR8048-5p	<i>StBTB22</i>	43	63	Cleavage
stu-miR172a-5p	<i>StBTB23</i>	565	584	Cleavage
stu-miR1886g-3p	<i>StBTB23</i>	894	915	Cleavage
stu-miR1886i-3p	<i>StBTB23</i>	892	914	Cleavage
stu-miR8005a	<i>StBTB23</i>	345	368	Cleavage
stu-miR8005b-3p	<i>StBTB23</i>	345	368	Cleavage
stu-miR8005b-5p	<i>StBTB23</i>	354	377	Cleavage
stu-miR8005c	<i>StBTB23</i>	345	368	Cleavage
stu-miR8011b-5p	<i>StBTB23</i>	876	897	Cleavage
stu-miR384-5p	<i>StBTB24</i>	905	924	Cleavage
stu-miR1886a	<i>StBTB26</i>	383	406	Cleavage
stu-miR1886b	<i>StBTB26</i>	383	406	Cleavage
stu-miR1886c	<i>StBTB26</i>	383	406	Cleavage
stu-miR1886d	<i>StBTB26</i>	383	406	Cleavage
stu-miR1886e	<i>StBTB26</i>	383	406	Cleavage
stu-miR1886f	<i>StBTB26</i>	383	406	Cleavage
stu-miR396-5p	<i>StBTB26</i>	454	474	Cleavage
stu-miR7987	<i>StBTB26</i>	639	662	Translation
stu-miR8005a	<i>StBTB26</i>	510	533	Translation
stu-miR8005b-3p	<i>StBTB26</i>	510	533	Translation

stu-miR8005c	<i>StBTB26</i>	510	533	Translation
stu-miR396-5p	<i>StBTB27</i>	454	474	Cleavage
stu-miR6024-3p	<i>StBTB27</i>	674	695	Cleavage
stu-miR172c-5p	<i>StBTB28</i>	150	168	Translation
stu-miR8031	<i>StBTB28</i>	1102	1124	Cleavage
stu-miR8047	<i>StBTB28</i>	348	368	Translation
stu-miR171b-5p	<i>StBTB29</i>	483	503	Translation
stu-miR477a-3p	<i>StBTB29</i>	326	347	Cleavage
stu-miR7122-3p	<i>StBTB29</i>	453	473	Cleavage
stu-miR8002-3p	<i>StBTB29</i>	918	941	Cleavage
stu-miR8014-5p	<i>StBTB29</i>	255	278	Cleavage
stu-miR8030-5p	<i>StBTB29</i>	1583	1605	Cleavage
stu-miR8033-3p	<i>StBTB29</i>	717	738	Translation
stu-miR827-3p	<i>StBTB29</i>	1301	1321	Cleavage
stu-miR827-3p	<i>StBTB30</i>	302	322	Cleavage
stu-miR156d-3p	<i>StBTB31</i>	1686	1707	Cleavage
stu-miR172e-5p	<i>StBTB31</i>	792	812	Cleavage
stu-miR8003	<i>StBTB31</i>	354	377	Cleavage
stu-miR8015-3p	<i>StBTB31</i>	1248	1271	Cleavage
stu-miR8024a-3p	<i>StBTB31</i>	905	928	Cleavage
stu-miR8024b	<i>StBTB31</i>	905	928	Cleavage
stu-miR172c-5p	<i>StBTB32</i>	1047	1065	Cleavage
stu-miR172e-5p	<i>StBTB32</i>	1662	1682	Translation
stu-miR5303a	<i>StBTB32</i>	1276	1299	Cleavage
stu-miR5303b	<i>StBTB32</i>	1276	1299	Cleavage
stu-miR5303c	<i>StBTB32</i>	1276	1299	Cleavage
stu-miR5303d	<i>StBTB32</i>	1276	1299	Cleavage
stu-miR5303e	<i>StBTB32</i>	1276	1299	Cleavage
stu-miR7993a	<i>StBTB32</i>	561	584	Cleavage
stu-miR7993b-3p	<i>StBTB32</i>	561	584	Cleavage
stu-miR7993c	<i>StBTB32</i>	561	584	Cleavage
stu-miR7993d	<i>StBTB32</i>	561	584	Cleavage
stu-miR8044-3p	<i>StBTB32</i>	210	230	Cleavage
stu-miR172a-5p	<i>StBTB33</i>	853	872	Translation
stu-miR5303f	<i>StBTB33</i>	1674	1697	Cleavage
stu-miR7990a	<i>StBTB33</i>	72	95	Cleavage
stu-miR7990a	<i>StBTB33</i>	1234	1257	Translation
stu-miR7993b-5p	<i>StBTB33</i>	93	116	Cleavage
stu-miR8006-5p	<i>StBTB33</i>	1676	1699	Cleavage
stu-miR5303h	<i>StBTB34</i>	1502	1525	Translation
stu-miR5303j	<i>StBTB34</i>	1502	1525	Translation
stu-miR6023	<i>StBTB34</i>	81	101	Translation
stu-miR7980a	<i>StBTB34</i>	1079	1102	Cleavage
stu-miR7992-3p	<i>StBTB34</i>	1206	1228	Cleavage
stu-miR827-3p	<i>StBTB34</i>	1206	1225	Cleavage
stu-miR166d-5p	<i>StBTB35</i>	3	23	Cleavage
stu-miR397-5p	<i>StBTB35</i>	278	297	Cleavage
stu-miR399a-5p	<i>StBTB35</i>	222	242	Cleavage

stu-miR399b-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399c-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399d-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399e-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399f-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399g-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399h	<i>StBTB35</i>	222	242	Cleavage
stu-miR399j-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399k-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399l-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399m-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399n-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR399o-5p	<i>StBTB35</i>	222	242	Cleavage
stu-miR477a-3p	<i>StBTB35</i>	1160	1181	Cleavage
stu-miR5303a	<i>StBTB35</i>	1090	1113	Cleavage
stu-miR5303b	<i>StBTB35</i>	1090	1113	Cleavage
stu-miR5303c	<i>StBTB35</i>	1090	1113	Cleavage
stu-miR5303d	<i>StBTB35</i>	1090	1113	Cleavage
stu-miR5303e	<i>StBTB35</i>	698	721	Translation
stu-miR5303g	<i>StBTB35</i>	757	780	Translation
stu-miR5303i	<i>StBTB35</i>	757	780	Translation
stu-miR5303j	<i>StBTB35</i>	758	781	Cleavage
stu-miR7986	<i>StBTB35</i>	1547	1570	Cleavage
stu-miR8001b-5p	<i>StBTB36</i>	16	39	Cleavage
stu-miR319a-5p	<i>StBTB37</i>	344	364	Cleavage
stu-miR6025	<i>StBTB37</i>	88	109	Translation
stu-miR7980a	<i>StBTB37</i>	1109	1132	Cleavage
stu-miR8001b-3p	<i>StBTB37</i>	581	604	Translation
stu-miR8017	<i>StBTB37</i>	1494	1517	Cleavage
stu-miR8051-3p	<i>StBTB37</i>	632	651	Cleavage
stu-miR5303a	<i>StBTB38</i>	92	115	Cleavage
stu-miR5303b	<i>StBTB38</i>	92	115	Cleavage
stu-miR5303c	<i>StBTB38</i>	92	115	Cleavage
stu-miR5303d	<i>StBTB38</i>	92	115	Cleavage
stu-miR5303f	<i>StBTB38</i>	94	117	Cleavage
stu-miR5303h	<i>StBTB38</i>	244	267	Cleavage
stu-miR7984c-3p	<i>StBTB38</i>	93	116	Cleavage
stu-miR8045	<i>StBTB38</i>	18	38	Cleavage
stu-miR171a-3p	<i>StBTB39</i>	1043	1063	Translation
stu-miR171c-3p	<i>StBTB39</i>	1043	1063	Translation
stu-miR171e	<i>StBTB39</i>	1043	1063	Translation
stu-miR1886i-3p	<i>StBTB39</i>	193	215	Cleavage
stu-miR319a-3p	<i>StBTB39</i>	1370	1390	Translation
stu-miR319b	<i>StBTB39</i>	1371	1390	Translation
stu-miR8029	<i>StBTB39</i>	131	154	Cleavage
stu-miR8046-5p	<i>StBTB39</i>	1271	1291	Translation
stu-miR1886g-5p	<i>StBTB41</i>	521	544	Cleavage
stu-miR7980a	<i>StBTB41</i>	523	546	Translation

stu-miR8047	<i>StBTB41</i>	509	529	Cleavage
stu-miR169f-3p	<i>StBTB43</i>	471	489	Cleavage
stu-miR5303j	<i>StBTB43</i>	1204	1227	Translation
stu-miR6022	<i>StBTB43</i>	392	412	Cleavage
stu-miR7980a	<i>StBTB43</i>	169	192	Translation
stu-miR7983-5p	<i>StBTB43</i>	44	67	Cleavage
stu-miR8019-3p	<i>StBTB43</i>	943	966	Cleavage
stu-miR8019-5p	<i>StBTB43</i>	408	430	Cleavage
stu-miR8044-3p	<i>StBTB43</i>	42	62	Cleavage
stu-miR384-5p	<i>StBTB44</i>	941	960	Cleavage
stu-miR8042	<i>StBTB44</i>	1099	1119	Cleavage
stu-miR156d-3p	<i>StBTB45</i>	467	487	Cleavage
stu-miR477a-3p	<i>StBTB45</i>	830	851	Cleavage
stu-miR8014-3p	<i>StBTB45</i>	1974	1997	Cleavage
stu-miR8014-5p	<i>StBTB45</i>	759	782	Cleavage
stu-miR8033-3p	<i>StBTB45</i>	1221	1242	Translation
stu-miR827-3p	<i>StBTB45</i>	1805	1825	Cleavage
stu-miR171d-5p	<i>StBTB46</i>	984	1004	Cleavage
stu-miR7993a	<i>StBTB47</i>	303	326	Cleavage
stu-miR7993b-3p	<i>StBTB47</i>	303	326	Cleavage
stu-miR7993c	<i>StBTB47</i>	303	326	Cleavage
stu-miR7993d	<i>StBTB47</i>	303	326	Cleavage
stu-miR160a-3p	<i>StBTB48</i>	917	937	Cleavage
stu-miR171a-5p	<i>StBTB48</i>	1870	1890	Cleavage
stu-miR171c-5p	<i>StBTB48</i>	1870	1890	Cleavage
stu-miR1886g-5p	<i>StBTB48</i>	1593	1616	Cleavage
stu-miR5303g	<i>StBTB48</i>	806	828	Translation
stu-miR5303i	<i>StBTB48</i>	806	828	Translation
stu-miR7980b-3p	<i>StBTB48</i>	1593	1616	Cleavage
stu-miR7984b-3p	<i>StBTB48</i>	440	463	Cleavage
stu-miR8035	<i>StBTB49</i>	300	321	Translation
stu-miR6149-3p	<i>StBTB50</i>	15	36	Cleavage
stu-miR7992-3p	<i>StBTB50</i>	2187	2209	Cleavage
stu-miR8005a	<i>StBTB50</i>	732	755	Cleavage
stu-miR8005b-3p	<i>StBTB50</i>	732	755	Cleavage
stu-miR8005c	<i>StBTB50</i>	732	755	Cleavage
stu-miR8048-5p	<i>StBTB50</i>	184	204	Cleavage
stu-miR397-5p	<i>StBTB52</i>	403	423	Cleavage
stu-miR7122-3p	<i>StBTB52</i>	361	381	Cleavage
stu-miR7996a	<i>StBTB52</i>	319	342	Translation
stu-miR7996b	<i>StBTB52</i>	319	342	Translation
stu-miR7996c	<i>StBTB52</i>	319	342	Translation
stu-miR8002-5p	<i>StBTB52</i>	633	656	Cleavage
stu-miR8016	<i>StBTB52</i>	139	162	Cleavage
stu-miR172a-3p	<i>StBTB53</i>	1441	1461	Cleavage
stu-miR172b-3p	<i>StBTB53</i>	1441	1461	Cleavage
stu-miR172c-3p	<i>StBTB53</i>	1443	1461	Cleavage
stu-miR172d-3p	<i>StBTB53</i>	1441	1461	Cleavage

stu-miR172e-3p	<i>StBTB53</i>	1441	1461	Cleavage
stu-miR397-5p	<i>StBTB53</i>	412	432	Cleavage
stu-miR5304-3p	<i>StBTB53</i>	1437	1457	Cleavage
stu-miR7996a	<i>StBTB53</i>	328	351	Translation
stu-miR7996b	<i>StBTB53</i>	328	351	Translation
stu-miR7996c	<i>StBTB53</i>	328	351	Translation
stu-miR8016	<i>StBTB53</i>	1093	1116	Cleavage
stu-miR8011a-5p	<i>StBTB54</i>	236	259	Cleavage
stu-miR393-3p	<i>StBTB55</i>	898	918	Cleavage
stu-miR408a-3p	<i>StBTB55</i>	896	916	Cleavage
stu-miR5303g	<i>StBTB55</i>	576	599	Cleavage
stu-miR5303i	<i>StBTB55</i>	576	599	Cleavage
stu-miR5303j	<i>StBTB55</i>	577	600	Translation
stu-miR7990a	<i>StBTB55</i>	447	470	Cleavage
stu-miR8044-3p	<i>StBTB55</i>	615	635	Cleavage
stu-miR8051-5p	<i>StBTB55</i>	1028	1047	Cleavage
stu-miR477a-3p	<i>StBTB56</i>	755	776	Translation
stu-miR7994a	<i>StBTB56</i>	1587	1610	Cleavage
stu-miR7994b-3p	<i>StBTB56</i>	1587	1610	Cleavage
stu-miR7997a	<i>StBTB56</i>	523	543	Translation
stu-miR7997b	<i>StBTB56</i>	523	543	Translation
stu-miR8038a-5p	<i>StBTB56</i>	1319	1340	Cleavage
stu-miR8038b-5p	<i>StBTB56</i>	1319	1340	Cleavage
stu-miR156f-3p	<i>StBTB57</i>	477	497	Cleavage

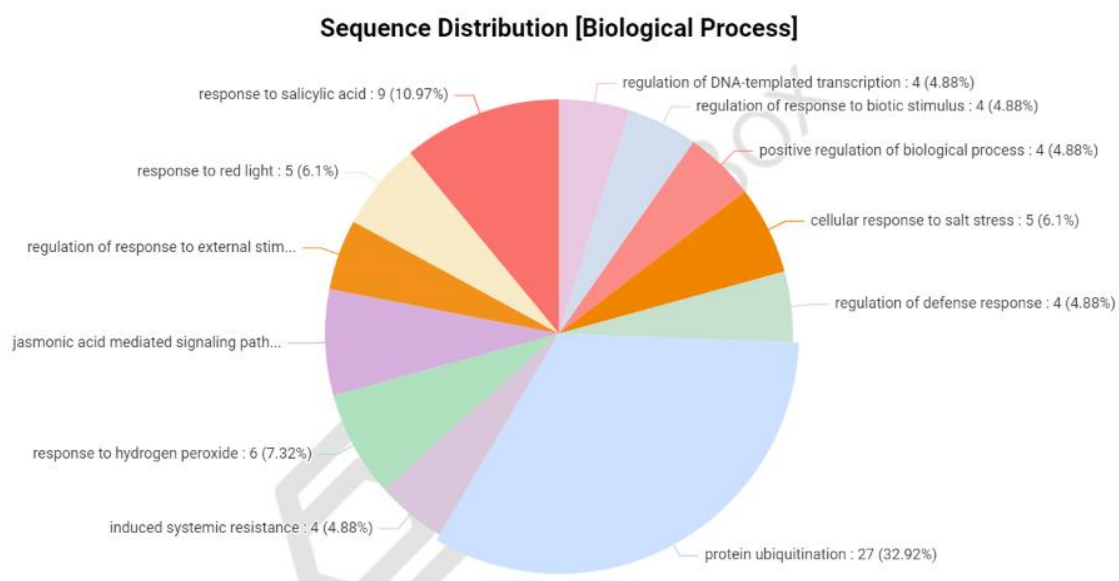


Figure S1. Pie chart depicting biological process sequence distribution of *StBTBs*.

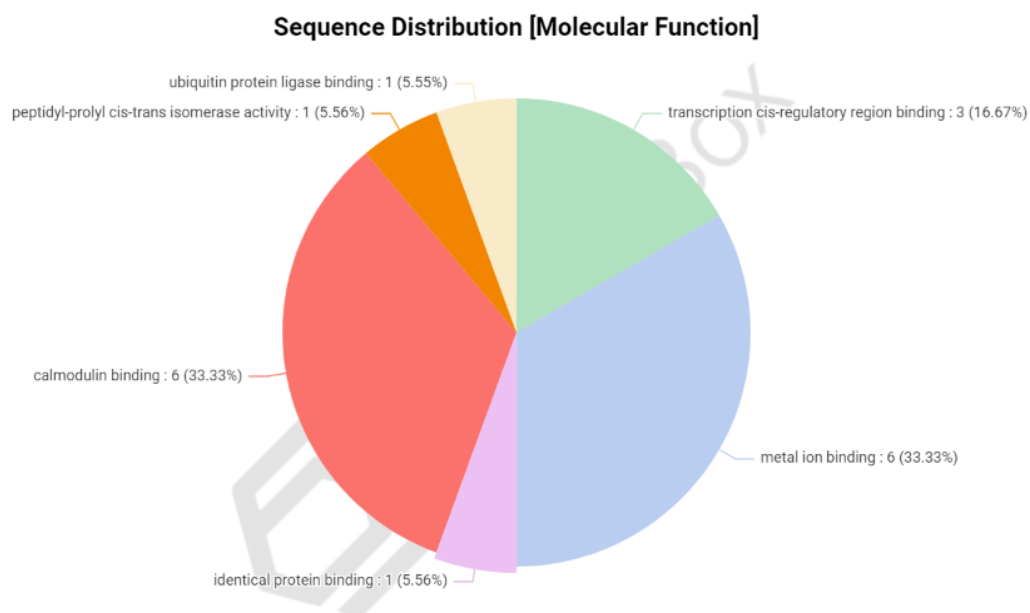


Figure S2. Pie chart depicting molecular function sequence distribution of *StBTBs*.

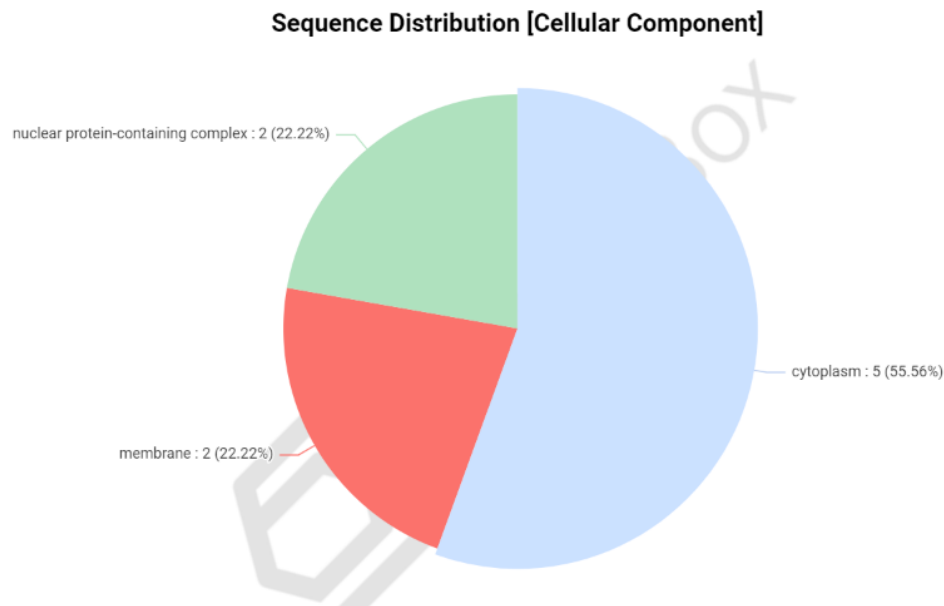


Figure S3. Pie chart depicting cellular component sequence distribution of *StBTBs*.