

**Table S3.** Growth-related genes uncovered by screened deficiencies.

<b>Gene</b>	<b>Uncovered by</b>	<b>Reference</b>
<i>dAlk</i>	<i>Df(2R)Exel6064</i>	[1]
<i>B4</i>	<i>Df(2L)BSC147; Df(2L)BSC691</i>	[2]
<i>chico</i>	<i>Df(2L)BSC206</i>	[3]
<i>hpo</i>	<i>Df(2R)BSC782; Df(2R)BSC828</i>	[4]
<i>Hr4</i>	<i>Df(1)BSC590</i>	[5]
<i>llp6</i>	<i>Df(1)ED6574; Df(1)ED11354</i>	[6,7]
<i>jeb</i>	<i>Df(2R)BSC199; Df(2R)BSC699</i>	[1]
<i>Mer</i>	<i>Df(1)BSC870; Df(1)BSC871</i>	[8]
<i>mir-8</i>	<i>Df(2R)Exel7145; Df(2R)ED2747</i>	[9]
<i>Pi3K21B</i>	<i>Df(2L)BSC454</i>	[10]
<i>Pten</i>	<i>Df(2L)BSC206</i>	[11]
<i>Ptth</i>	<i>Df(2L)Exel8003; Df(2L)BSC456</i>	[12]
<i>SNF1A</i>	<i>Df(1)Exel6227</i>	[13]
<i>sNPF</i>	<i>Df(2L)Exel7077</i>	[14]
<i>step</i>	<i>Df(2L)ED1446</i>	[15]
<i>Tor</i>	<i>Df(2L)Exel7055</i>	[16]
<i>ush</i>	<i>Df(2L)ED40; Df(2L)BSC456</i>	[9]
<i>yki</i>	<i>Df(2R)BSC356</i>	[17]

18 cell, tissue, or systemic growth implicated genes uncovered by analyzed 1<sup>st</sup> and 2<sup>nd</sup> chromosome deficiencies. Among the deficiencies listed, only those that uncovered *dAlk* or *Jeb* modified *dNf1* pupal size.

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