

**Table S7.** PacBio reads number before and after length filtering, minimum length = 5000 bp. Individuals GA1 through GA15 were from the GA-R line, while individuals GA16 through GA30 were from the GA line.

<b>Samples</b>	<b>Before filtering</b>	<b>After filtering</b>	<b>Category</b>
<b>GA1</b>	1	0	Resistant
<b>GA2</b>	13	0	Resistant
<b>GA3</b>	964	667	Resistant
<b>GA4</b>	868	615	Resistant
<b>GA5</b>	1006	697	Resistant
<b>GA6</b>	948	653	Resistant
<b>GA7</b>	0	0	Resistant
<b>GA8</b>	4616	253	Resistant
<b>GA9</b>	2391	383	Resistant
<b>GA10</b>	2114	198	Resistant
<b>GA11</b>	1552	344	Resistant
<b>GA12</b>	4	2	Resistant
<b>GA13</b>	10640	234	Resistant
<b>GA14</b>	3990	180	Resistant
<b>GA15</b>	1752	91	Resistant
<b>GA16</b>	1822	1135	Susceptible
<b>GA17</b>	2908	1947	Susceptible
<b>GA18</b>	2722	1774	Susceptible
<b>GA19</b>	2550	1697	Susceptible
<b>GA20</b>	6	3	Susceptible
<b>GA21</b>	1928	1272	Susceptible
<b>GA22</b>	0	0	Susceptible

<b>GA23</b>	0	0	Susceptible
<b>GA24</b>	744	320	Susceptible
<b>GA25</b>	2424	190	Susceptible
<b>GA26</b>	1614	8	Susceptible
<b>GA27</b>	2744	830	Susceptible
<b>GA28</b>	1374	735	Susceptible
<b>GA29</b>	3026	447	Susceptible
<b>GA30</b>	2316	187	Susceptible
<b>Total</b>	57037	14862	