

### **Supplemental Table 1**

Description of patients' demographics (age, sex and response - CR: Complete response, PR: Partial response, NR: Non-responder, +: on-going response) and of the number of non-synonymous somatic mutations for each sample analyzed.

<b>Patient #</b>	<b>Age at Treatment</b>	<b>Sex</b>	<b>Response (months)</b>	<b># of non-synonymous somatic mutation</b>
3466	55	M	CR, 90+	5718
<b>3713</b>	<b>53</b>	<b>M</b>	<b>CR, 61+</b>	<b>10317</b>
3702	46	M	PR 58+	616
<b>3703</b>	<b>57</b>	<b>F</b>	<b>CR, 61</b>	<b>304</b>
3879	60	M	CR, 22	927
<b>3903</b>	<b>56</b>	<b>M</b>	<b>PR 43+</b>	<b>464</b>
3919	18	F	NR	752
<b>3926</b>	<b>37</b>	<b>M</b>	<b>NR</b>	<b>499</b>