

**Supplemental Table 1:** Description of patient and control samples

<b>Pompe patient group</b>	<b>n</b>	<b>age range (years)</b>	<b>Mean age</b>
<b>1</b>	3	0.01-0.3	0.13
<b>2</b>	4	1.06-13.09	7.2
<b>3</b>	6	34.08-62.87	48.6
<b>4</b>	6	33.46-71.68	56.6
<b>DMD patients</b>	<b>n</b>	<b>age range (years)</b>	<b>Mean age</b>
	2	5.5-8.25	6.9
<b>control group</b>	<b>n</b>	<b>age range (years)</b>	<b>Mean age</b>
<b>infants</b>	3	0.01-0.67	0.2
<b>juveniles</b>	3	2.92-16.16	9.7
<b>adults</b>	5	40.44-53.5	46.9