

1 **Supplementary table 4 – PCR programs**

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Gene	PCR program									
	T (°C)	Time (s)	T (°C)	Time (s)	T (°C)	Time (s)	T (°C)	Time (s)	T (°C)	Time (s)
<i>chp</i>	94	240	94	30						
	1 cycle						30 cycles		1 cycle	
<i>scn</i>	94	240	94	30	50	30	72	60	72	120
	1 cycle						30 cycles		1 cycle	
<i>φ3 int</i>	94	300	94	15	50	30	72	60	72	120
	1 cycle						35 cycles		1 cycle	
<i>φ6 int</i>	95	120	95	15	62	15	72	30	72	600
	1 cycle						35 cycles		1 cycle	
<i>φ7 int</i>	95	120	95	15	62	15	72	30	72	600
	1 cycle						35 cycles		1 cycle	
<i>rep7</i>	95	120	95	15	62	15	72	30	72	600
	1 cycle						35 cycles		1 cycle	
<i>rep27</i>	95	120	95	15	60	15	72	30	72	600
	1 cycle						35 cycles		1 cycle	
<i>cadDX</i>	94	300	92	30	60	15	72	30	72	600
	1 cycle						35 cycles		1 cycle	

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4 T is temperature in degrees Celsius. Time is in seconds. Cycles are the number of repeats of time and  
 5 temperature instructions. The table is read from left to right.

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