

## DPLTMD

LCI edited 14/08/06

**\*Template is purified DNA.**

	[End] in 20 µl / tube	1	5	10	15	20	25	30	35	40	45	50
Template DNA	-	0.5	x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	10	50	100	150	200	250	300	350	400	450	500
DplTmd-38 (10µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
DplTmd-56 (10µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
H <sub>2</sub> O	-	8	40	80	120	160	200	240	280	320	360	400
<b>Total (µl/tube)</b>		<b>20</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>900</b>	<b>1000</b>

	[End] in 20 µl / tube	55	60	65	70	75	80	85	90	95	100
Template DNA		x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	550	600	650	700	750	800	850	900	950	1000
DplTmd-38 (10µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
DplTmd-56 (10µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
H <sub>2</sub> O	-	440	480	520	560	600	640	680	720	760	800
<b>Total (µl/tube)</b>		<b>1100</b>	<b>1200</b>	<b>1300</b>	<b>1400</b>	<b>1500</b>	<b>1600</b>	<b>1700</b>	<b>1800</b>	<b>1900</b>	<b>2000</b>

PCR program:

94°C	2 min	1x
94°C	30sec	35x
60°C	30sec	
72°C	50sec	
72°C	5 min	1x
8°C	unlimited	1x

2% gel

DplTMD-wt band is 600bp.

(Wt band will look very faint compared to ko band.)

DplTMD-ko band is 700bp.

Used for line 1071 (Baumann)

## DPLTMD

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**\*Template DNA is straight from the lysis samples.**

	[End] in 20 µl / tube	1	5	10	15	20	25	30	35	40	45	50
Template DNA	-	2	x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	10	50	100	150	200	250	300	350	400	450	500
DplTmd-38 (10µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
DplTmd-56 (10µM)	0.375 µM	0.75	3.75	7.5	11.25	15	18.75	22.5	26.25	30	33.75	37.5
H <sub>2</sub> O	-	6.5	32.5	65	97.5	130	162.5	195	227.5	260	292.5	325
<b>Total (µl/tube)</b>		<b>20</b>	<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>600</b>	<b>700</b>	<b>800</b>	<b>900</b>	<b>1000</b>

	[End] in 20 µl / tube	55	60	65	70	75	80	85	90	95	100
Template DNA		x	x	x	x	x	x	x	x	x	x
GoTaq Green PCR master mix (2x)	1x	550	600	650	700	750	800	850	900	950	1000
DplTmd-38 (10µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
DplTmd-56 (10µM)	0.375 µM	41.25	45	48.75	52.5	56.25	60	63.75	67.5	71.25	75
H <sub>2</sub> O	-	357.5	390	422.5	455	487.5	520	552.5	585	617.5	650
<b>Total (µl/tube)</b>		<b>1100</b>	<b>1200</b>	<b>1300</b>	<b>1400</b>	<b>1500</b>	<b>1600</b>	<b>1700</b>	<b>1800</b>	<b>1900</b>	<b>2000</b>

PCR program:

94°C	2 min	1x
94°C	30sec	35x
60°C	30sec	
72°C	50sec	
72°C	5 min	1x
8°C	unlimited	1x

2% gel

DplTMD-wt band is 600bp.

(Wt band will look very faint compared to ko band.)

DplTMD-ko band is 700bp.

Used for line 1071 (Baumann)