表　*CYP2C19*変異解析の Light cycler プログラム条件

Program 1
Denaturation

Cycle Program Data	Value
Cycles	1
Analysis Mode	None
Target Temperature [℃]	95
Incubation time [h:min:s]	0:10:00
Temperature transition rate [℃/sec]	20.0
Secondary target temperature [℃]	0
Step size [℃]	0
Step delay [Cycles]	0
Acquisition mode	None

Program 2
Amplification

Cycle Program Data	Value		
Cycles	45		
Analysis Mode	Quantification		
Temperature Targets	Segment 1	Segment 2	Segment 3
Target Temperature	95	60	72
Incubation time [h:min:s]	0:00:15	0:00:15	0:00:12
Temperature transition rate [℃/sec]	20.0	20.0	20.0
Secondary target temperature [℃]	0	0	0
Step size [℃]	0	0	0
Step delay [Cycles]	0	0	0
Acquisition mode	None	Single	None

Program 3
Melting Curve

Cycle Program Data	Value		
Cycles	1		
Analysis Mode	Melting Curve		
Temperature Targets	Segment 1	Segment 2	Segment 3
Target Temperature	95	40	80
Incubation time [h:min:s]	0:00:00	0:02:00	0:00:0
Temperature transition rate [℃/sec]	20.0	20.0	0.25
Secondary target temperature [℃]	0	0	0
Step size [℃]	0	0	0
Step delay [Cycles]	0	0	0
Acquisition mode	None	None	Continuous

Program 3
Cooling

| Cycle Program Data	Value
Cycles	1
Analysis Mode	None
Temperature Targets	**Segment 1**
Target Temperature [℃]	40
Incubation time [h:min:s]	0:00:30
Temperature transition rate [℃/sec]	20.0
Secondary target temperature [℃]	0
Step size [℃]	0
Step delay [Cycles]	0
Acquisition mode	None

＜ *CYP2C19*2 ＞
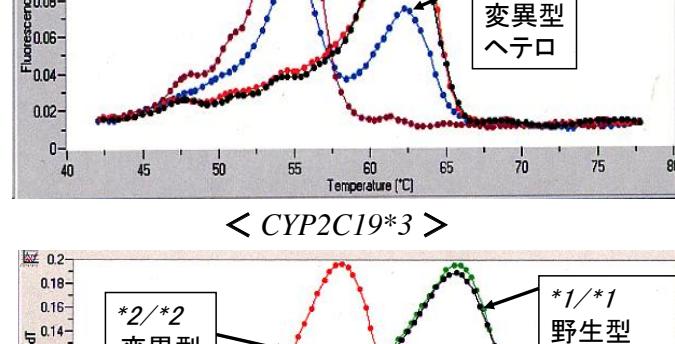
＜ *CYP2C19*3 ＞
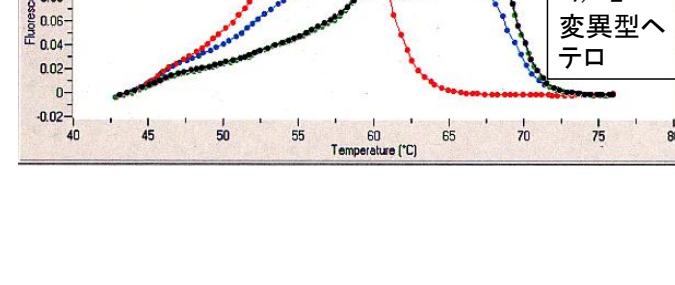
図　Lightcyler を用いた *CYP2C19*2 および *CYP2C19*3 の融解温度解析結果