

PCR product 1																																														
	Xm8	Xm9	Xm10	Xm12	Xm13	Xm15	Xm17	Xm18	Xm19	Xm41	Xm42	Xm43	Pmv1	Pmv5	Pmv7	Pmv8	Pmv9	Pmv10	Pmv11	Pmv12	Pmv13	Pmv14	Pmv15	Pmv16	Pmv18	Pmv19	Pmv20	Pmv21	Pmv22	Pmv23	Pmv24	Mpmv1	Mpmv2	Mpmv4	Mpmv5	Mpmv6	Mpmv7	Mpmv8	Mpmv9	Mpmv10	Mpmv11	Mpmv12	Mpmv13			
Xm8	100.0	92.2	80.8	85.7	90.3	91.3	89.4	96.1	86.1	83.8	81.5	83.8	81.5	81.5	80.8	79.0	81.5	81.1	81.5	81.9	79.0	79.5	79.5	81.5	81.5	81.5	81.9	81.5	81.5	79.5	81.9	81.8	81.2	82.0	81.6	81.4	81.4	82.5	81.2	81.9	82.2	81.4	82.0			
Xm9	92.2	100.0	74.7	89.2	84.0	83.6	82.7	89.6	88.8	77.9	79.4	77.9	79.4	79.4	78.3	76.9	79.4	79.0	79.4	79.4	79.0	78.3	78.3	79.4	79.4	79.4	79.4	79.4	79.0	79.4	79.4	80.1	79.7	79.5	79.4	79.7	79.2	79.9	80.3	79.4	80.1					
Xm10	80.8	74.7	100.0	82.0	88.2	75.6	89.7	82.0	81.6	81.8	78.0	81.8	78.0	78.0	77.5	75.5	78.0	77.6	78.0	78.4	75.4	75.9	75.9	78.0	78.0	78.0	78.4	78.0	78.0	78.4	79.2	78.7	79.4	79.2	78.8	78.7	79.9	78.7	79.4	79.6	78.8	79.4				
Xm12	85.7	89.2	82.0	100.0	88.7	91.5	91.0	92.6	96.7	83.8	79.8	83.8	79.8	79.8	79.1	77.3	79.8	79.4	79.8	80.2	77.3	77.8	77.8	79.8	79.8	79.8	80.2	79.7	79.8	80.2	82.2	81.8	82.4	82.2	81.8	81.8	82.9	81.8	82.4	82.2	82.0	82.0	82.4			
Xm13	90.3	84.0	88.2	88.7	100.0	83.3	96.5	88.9	88.7	91.3	86.0	91.3	86.0	86.0	85.2	83.3	86.0	85.5	86.0	86.4	83.3	83.7	83.7	86.0	86.0	86.0	86.4	85.9	86.0	83.7	86.4	88.9	88.2	88.1	89.1	88.5	88.4	89.7	88.2	88.9	89.4	88.4	89.1			
Xm15	83.6	83.6	75.6	91.5	83.3	100.0	84.2	85.5	91.5	81.5	78.2	73.9	78.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9			
Xm17	89.4	82.7	89.7	91.0	96.5	84.2	100.0	91.2	91.0	89.6	86.3	89.6	86.3	86.3	85.7	83.5	86.3	85.8	86.3	86.7	83.5	84.0	84.0	86.3	86.3	86.3	86.7	86.2	86.3	84.0	86.7	87.1	86.4	87.3	87.1	86.7	86.6	87.9	86.4	87.1	87.6	86.6	87.3			
Xm18	96.1	89.6	82.0	99.6	88.9	91.5	91.2	100.0	96.7	84.2	79.8	84.2	79.8	79.8	79.1	77.3	79.8	79.4	79.8	80.2	77.3	77.8	77.8	79.8	79.8	79.8	80.2	79.7	79.8	77.8	80.2	80.5	79.9	80.7	81.2	80.1	80.1	81.2	79.9	80.5	80.9	80.1	80.7			
Xm19	96.1	88.8	81.6	98.7	88.7	91.5	91.0	98.7	100.0	84.1	79.6	84.1	79.6	79.6	79.6	78.9	77.1	79.6	79.2	79.6	80.0	77.1	77.6	77.6	79.6	79.6	79.6	80.0	79.5	79.6	77.5	80.0	80.3	80.8	80.5	81.0	79.9	79.9	81.0	80.8	81.5	80.7	81.0	80.5		
Xm41	83.8	77.9	81.8	84.6	91.3	78.2	89.6	84.2	84.1	100.0	78.5	98.0	78.3	78.3	78.5	80.3	77.9	78.3	78.7	79.1	78.1	78.1	78.3	78.3	78.3	78.7	78.3	79.1	78.7	85.6	84.5	85.4	85.8	84.7	85.2	84.5	85.2	85.6	84.7	85.4	85.4	85.4	85.4	85.4		
Xm42	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.5	100.0	78.5	86.6	86.6	87.9	95.6	98.6	98.1	98.6	98.4	97.9	98.1	98.1	98.6	98.6	98.6	98.4	97.9	98.6	97.7	98.4	76.5	75.9	76.7	77.0	76.2	76.1	75.9	76.6	77.0	76.1	76.7	76.7			
Xm43	83.8	77.9	81.8	84.6	91.3	78.2	89.6	84.2	84.1	98.0	78.5	100.0	78.3	78.3	78.5	80.8	78.3	77.9	78.3	78.7	79.1	78.1	78.1	78.3	78.3	78.3	78.7	78.3	78.3	79.3	78.7	85.6	84.9	85.8	85.4	85.2	85.2	86.1	84.9	85.6	86.1	85.2	85.8			
Pmv1	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv5	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv7	80.8	78.3	77.5	79.1	85.2	73.3	85.7	79.1	78.9	78.5	97.9	78.5	99.3	99.3	100.0	96.3	98.8	99.3	99.5	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3		
Pmv8	77.0	76.9	73.4	75.5	81.1	69.9	81.3	75.3	75.1	78.3	95.6	80.8	96.7	96.7	96.0	100.0	96.3	98.8	96.7	96.5	96.0	96.3	96.3	96.7	96.7	96.5	96.0	96.7	96.5	96.0	96.7	96.0	96.5	73.8	73.2	74.0	74.2	73.4	73.4	73.4	73.2	73.8	74.2	74.0	74.0	
Pmv9	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv10	79.1	79.0	75.5	77.4	83.3	71.8	83.6	77.4	77.2	77.9	98.1	77.9	99.5	99.5	98.8	96.3	99.5	100.0	99.5	99.3	99.3	99.5	99.1	99.5	99.5	99.5	99.3	99.3	99.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
Pmv11	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv12	81.9	79.4	79.4	80.2	86.4	74.3	86.7	80.2	80.0	78.7	98.4	78.7	99.8	99.8	99.5	96.5	99.8	99.3	99.8	100.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	99.5	99.8	98.8	100.0	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv13	79.0	79.0	75.4	77.3	83.3	71.7	83.5	77.3	77.1	80.2	97.9	80.2	99.3	99.3	98.6	96.0	99.8	99.3	99.3	99.1	100.0	98.8	98.8	98.8	99.3	99.3	99.3	99.1	98.6	99.3	98.8	99.1	76.1	75.5	76.3	76.5	75.7	75.7	75.7	75.5	76.2	76.5	75.7	76.3		
Pmv14	79.5	78.3	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.1	98.1	78.1	99.5	99.5	99.3	96.3	99.5	99.5	99.3	98.8	100.0	99.5	99.5	99.5	99.5	99.3	99.3	99.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	
Pmv15	79.5	78.3	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.1	98.1	78.1	99.5	99.5	99.3	96.3	99.5	99.5	99.3	98.8	100.0	99.5	99.5	99.5	99.5	99.3	99.3	99.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
Pmv16	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv18	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv19	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.3	96.7	100.0	99.5	100.0	99.8	99.3	99.5	99.5	100.0	100.0	100.0	99.8	99.3	100.0	99.1	99.8	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv20	81.9	79.4	79.4	80.2	86.4	74.3	86.7	80.2	80.0	78.7	98.4	78.7	99.8	99.8	99.5	96.5	99.8	99.3	99.8	100.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	99.5	99.8	98.8	100.0	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv21	81.9	79.4	79.4	80.2	86.4	74.3	86.7	80.2	80.0	78.7	98.4	78.7	99.8	99.8	99.5	96.5	99.8	99.3	99.8	100.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	99.5	99.8	98.8	100.0	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv22	81.9	79.4	79.4	80.2	86.4	74.3	86.7	80.2	80.0	78.7	98.4	78.7	99.8	99.8	99.5	96.5	99.8	99.3	99.8	100.0	99.1	99.3	99.3	99.8	99.8	99.8	100.0	99.5	99.8	98.8	100.0	76.5	75.9	76.7	77.0	76.2	76.1	76.1	75.9	76.6	77.0	76.1	76.7	76.7		
Pmv23	79.5	79.4	75.9	77.8	83.7	72.2	84.0	77.8	77.8	78.3	98.6	78.3	100.0	100.0	99.																															