



**Reaction Mix-** primers: TAS3R38/D1S80/PV92

Flexi Buffer (5X)  
MgCl<sub>2</sub> (25mM) - final 2.5 mM  
dNTPs (10 mM) – final 0.2 mM  
Forward primer (10μM) – final 0.2 μM  
Reverse primer (10μM) – final 0.2 μM  
NEB Taq (5u/μl)- final 1.25 u  
Water  
DNA (1 μl/PCR rxn.)  
50 μl total

**PCR programs**

<b><u>D1S80</u></b>		<b><u>PV92</u></b>		<b><u>TAS2R38</u></b>	
94°C-3'		94°C-3'		94°C-3'	
94°C-30"		94°C-30"		94°C-30"	
<b>64°C-30"</b>	30X	<b>60°C-30"</b>	30X	<b>55°C-30"</b>	30X
72°C-1'		72°C-1'		72°C-1'	
72°C-10'		72°C-10'		72°C-10'	
4°C-infinity		4°C-infinity		4°C-infinity	