

Table S2 The specific position of *MsSTPs* on chromosome

Rename	Gene ID	Chromosome ID	Start	End	Direction
<i>MdSTP1</i>	MDP0000137412	chr2	19526340	19528528	Reverse
<i>MdSTP2</i>	MDP0000146340	unanchored	13938290	13940559	Reverse
<i>MdSTP3</i>	MDP0000154362	chr15	12889557	12892499	Reverse
<i>MdSTP4</i>	MDP0000175148	chr7	23314250	23317282	Reverse
<i>MdSTP5</i>	MDP0000177942	chr1	4705382	4707903	Reverse
<i>MdSTP6</i>	MDP0000185402	chr15	45479832	45481778	Reverse
<i>MdSTP7</i>	MDP0000187438	chr2	1772730	1775086	forward
<i>MdSTP8</i>	MDP0000190194	chr13	18387411	18389286	forward
<i>MdSTP9</i>	MDP0000190996	chr9	12915027	12916943	Reverse
<i>MdSTP10</i>	MDP0000191620	chr7	22164022	22165655	forward
<i>MdSTP11</i>	MDP0000192591	chr15	8498491	8501331	forward
<i>MdSTP12</i>	MDP0000193050	chr13	18343605	18348673	forward
<i>MdSTP13</i>	MDP0000193898	chr5	3459250	3462242	forward
<i>MdSTP14</i>	MDP0000201154	chr3	22164292	22167632	forward
<i>MdSTP15</i>	MDP0000204929	chr13	18368935	18371381	Reverse
<i>MdSTP16</i>	MDP0000216376	chr1	23596361	23597857	forward
<i>MdSTP17</i>	MDP0000231284	chr9	12898892	12900849	forward
<i>MdSTP18</i>	MDP0000236607	chr10	17792555	17794394	Reverse
<i>MdSTP19</i>	MDP0000240921	chr2	1763206	1765562	Reverse
<i>MdSTP20</i>	MDP0000258256	chr15	8496449	8499090	forward
<i>MdSTP21</i>	MDP0000266249	chr14	921995	923532	Reverse
<i>MdSTP22</i>	MDP0000282726	chr9	12866620	12868535	forward
<i>MdSTP23</i>	MDP0000288533	chr10	29266157	29268868	Reverse
<i>MdSTP24</i>	MDP0000289098	chr13	18396264	18398678	Reverse
<i>MdSTP25</i>	MDP0000294725	unanchored	82086725	8208743	Reverse
<i>MdSTP26</i>	MDP0000485591	chr13	22783872	22785791	Reverse
<i>MdSTP27</i>	MDP0000721688	chr13	22727200	22734361	Reverse
<i>MdSTP28</i>	MDP0000735707	chr15	45479776	45483048	Reverse
<i>MdSTP29</i>	MDP0000831221	chr13	18436588	18438538	Reverse
<i>MdSTP30</i>	MDP0000906893	chr2	4982788	4985436	forward