

Table S2. **Region-wise distribution and allelic frequencies of the AMA1 haplotypes**

Haplotypes <sup>a</sup>	Number (allelic frequency) of <i>P. falciparum</i> isolates				
	Assam (n = 28)	Orissa (n = 35)	A & N (n = 40)	UP (n = 36)	Goa (n = 18)
H1	-	<b>1 (0.028)</b>	-	-	-
H2	-	<b>1 (0.028)</b>	-	-	-
H3	-	<b>1 (0.028)</b>	-	-	-
H4	-	<b>1 (0.028)</b>	-	-	-
H5	-	<b>1 (0.028)</b>	-	-	-
H6	-	<b>1 (0.028)</b>	-	-	-
H7	-	<b>1 (0.028)</b>	-	-	-
H8	-	<b>1 (0.028)</b>	-	-	-
H9	-	<b>1 (0.028)</b>	-	-	-
H10	-	<b>1 (0.028)</b>	-	-	-
H11	-	<b>1 (0.028)</b>	-	-	-
H12	-	<b>1 (0.028)</b>	-	-	-
H13	-	<b>1 (0.028)</b>	-	-	-
H14	-	<b>1 (0.028)</b>	-	-	-
H15	-	<b>1 (0.028)</b>	-	-	-
H16	<b>1 (0.035)</b>	-	-	-	-
H17	<b>1 (0.035)</b>	-	-	-	-
H18	<b>1 (0.035)</b>	-	-	-	-
H19	<b>1 (0.035)</b>	-	-	-	-
H20	<b>1 (0.035)</b>	-	-	-	-
H21	<b>1 (0.035)</b>	-	-	-	-
H22	<b>1 (0.035)</b>	-	-	-	-
H23	<b>1 (0.035)</b>	-	-	-	-
H24	<b>1 (0.035)</b>	-	-	-	-
H25	-	-	<b>1 (0.025)</b>	-	-
H26	-	-	<b>1 (0.025)</b>	-	-
H27	-	-	<b>1 (0.025)</b>	-	-
H28	-	-	<b>1 (0.025)</b>	-	-
H29	-	-	<b>1 (0.025)</b>	-	-
H30	-	-	<b>1 (0.025)</b>	-	-
H31	-	-	<b>1 (0.025)</b>	-	-
H32	-	-	<b>2 (0.050)</b>	-	-
H33	-	-	-	<b>1 (0.027)</b>	<b>1 (0.055)</b>
H34	-	-	-	<b>2 (0.055)</b>	-
H35	-	-	-	<b>2 (0.055)</b>	-
H36	-	-	-	-	<b>2 (0.111)</b>
H37	<b>2 (0.071)</b>	-	-	-	-
H38	<b>2 (0.071)</b>	-	-	-	-
H39	<b>2 (0.071)</b>	-	-	-	-
H40	-	<b>2 (0.057)</b>	-	-	-
H41	<b>1 (0.035)</b>	<b>1 (0.028)</b>	-	-	-

**Table S2 Contd.**

<b>H42</b>	<b>1 (0.035)</b>	<b>1 (0.028)</b>	-	-	-
<b>H43</b>	<b>2 (0.071)</b>	<b>1 (0.028)</b>	-	-	-
<b>H44</b>	-	-	<b>2 (0.050)</b>	<b>1 (0.027)</b>	-
<b>H45</b>	-	-	<b>3 (0.075)</b>	-	-
<b>H46</b>	-	-	<b>3 (0.075)</b>	-	-
<b>H47</b>	-	-	-	<b>1 (0.027)</b>	<b>2 (0.111)</b>
<b>H48</b>	<b>4 (0.142)</b>	-	-	-	-
<b>H49</b>	-	<b>4 (0.114)</b>	<b>1 (0.025)</b>	-	-
<b>H50</b>	<b>1 (0.035)</b>	<b>3 (0.085)</b>	<b>1 (0.025)</b>	-	-
<b>H51</b>	<b>2 (0.071)</b>	-	-	<b>1 (0.027)</b>	<b>2 (0.111)</b>
<b>H52</b>	-	-	<b>5 (0.125)</b>	-	-
<b>H53</b>	-	-	-	<b>1 (0.027)</b>	<b>4 (0.222)</b>
<b>H54</b>	<b>1 (0.035)</b>	-	<b>5 (0.125)</b>	-	-
<b>H55</b>	<b>1 (0.035)</b>	-	-	<b>4 (0.111)</b>	<b>3 (0.166)</b>
<b>H56</b>	-	<b>1 (0.028)</b>	<b>3 (0.075)</b>	<b>17 (0.472)</b>	-
<b>H57</b>	-	<b>7 (0.200)</b>	<b>8 (0.200)</b>	<b>6 (0.166)</b>	<b>4 (0.222)</b>

**n**; number of isolates; <sup>a</sup>, Haplotypes are same as defined in Table S1