



	Rv3773c alleles													
	_ 1	2	3	4	5	6	7	8	9	#R	Total			
1	<u>4</u> 6	-	<u>2</u> 4	-	<u>1</u> 3	<u>3</u> 4	<u>1</u>	<u>1</u>	-	12	21			
2	159 308	<u>2</u>	69 129	4 58	28 80	<u>29</u> 58	32 68	45 74	<u>1</u> 22	373	824		-	- 2
3	<u>3</u> 24	ı	-	-	<u>4</u> 17	_	<u>1</u>	-	-	9	49			_ 1
4 Rv0688	<u>40</u> 59	-	1/1	-	<u>5</u> 22	-	6 14	-	-	56	100			- 1
alleles 5	<u>52</u> 87	<u>2</u>	33 55	<u>1</u> 7	<u>4</u> 8	16 27	34 56	31 49	1	175	310		-	- 0
6	2 10	-	-	-	-	-	<u>4</u> 15	-	-	6	25			,
7	<u>6</u> 11	-	-	-	-	-	6 13	-	1	14	27			1
#R	272	4	106	6	46	48	90	77	2				-	2
Total	523	13	191	68	138	89	184	125	29					

	1	2	rpsL a	alleles 4	; #R	Total	
1	5 10	81 108	-	<u>5</u>	91	123	2.0
10	-	8 17	-	-	8	17	- 3.0
11	ı	11 15	ı	ı	11	15	
12	<u>1</u>	10 16	-	-	12	18	
13	<u>2</u>	30 67	1/1	<u>6</u> 7	39	78	- 1.5
2	-	<u>1</u> 11	<u>1</u>	1/1	3	13	
3 gid	13 17	<u>9</u> 69	<u>7</u> 8	<u>50</u> 52	80	147	
alleles 4	<u>2</u>	<u>23</u> 58	-	<u>2</u>	27	66	- 0.0
5	-	7 10	-	-	8	12	
6	-	<u>2</u> 21	<u>2</u>	2/2	6	28	
7	12 16	13 111	14 14	111 119	153	263	- –1.5
8	-	<u>1</u> 11	-	1	1	11	
9	<u>5</u>	30 309	43 45	<u>59</u> 66	139	438	
#R	43	301	68	239			- –3.0
Total	78	969	71	259			5.0

	1	yaj 2	C alle	les #R	Total	
1	ı	38 52	<u>5</u>	43	58	
10	ı	<u>3</u> 25	ı	3	26	
11	ı	38 53	<u>1</u>	39	54	- 3.0
12	<u>2</u>	33 54	6 8	41	64	
13	ı	1 12	ı	1	12	- 1.5
2	-	<u>7</u>	1/1	8	19	1.0
3 Rv1591	<u>6</u>	177 352	22 38	207	399	
alleles 4	-	13 87	3 10	16	97	- 0.0
5	-	8 16	2/2	10	18	
6	18 18	141 354	<u>32</u> 59	195	436	
7	-	<u>1</u> 32	-	1	35	- –1.5
8	-	<u>8</u> 12	-	8	12	
9	1/1	53 104	<u>4</u> 9	58	114	- –3.0
#R	30	543	84			
Total	30	1209	147			

		rpsL alleles										
	1	2	3	4	#R	Total						
1	43 75	133 328	<u>24</u> 24	90 95	296	529		- 3.0				
Rv0449c ₂ alleles	-	159 621	44 47	146 161	355	843		- 1.5				
#R	43	301	68	239				- 0.0 1.5				
Total	78	969	71	259				- –3.0				

	1	2	3	4	5	6	gio 7	d allel 8	es 9	10	11	12	13	#R	Total
1	-	-	-	-	-	-	-	-	-	-	-	-	3 9	6	14
10	-	-	-	-	1/1	-	-	-	-	<u>5</u> 13	-	-	-	6	33
11	-	-	-	-	2/2	-	-	1/4	<u>2</u> 68	7 15	-	-	-	15	100
12	1/1	-	14 40	-	<u>1</u>	-	23 40	-	-	-	11 15	-	-	52	110
13	-	-	15 47	-	-	-	<u>25</u> 49	-	<u>1</u>	-	11 15	-	-	55	138
14	-	-	2/2	-	1/1	-	-	-	-	-	1/1	-	-	4	6
15	-	-	3 3	-	-	-	99	-	-	-	-	-	-	12	12
16	1/1	-	2/2	-	-	-	<u>7</u>	-	<u>4</u> 5	-	-	-	1/1	15	21
17	<u>2</u> 3	-	-	-	<u>1</u>	-	-	-	<u>2</u> 5	-	-	-	<u>2</u>	7	14
18	-	-	-	-	-	-	-	-	<u>1</u> 31	1/2	-	-	-	3	35
19	1	-	-	-	-	-	-	-	-	-	<u>5</u>	-	-	5	9
2 Rv0515	-	-	-	-	-	-	-	-	-	-	-	-	3 10	3	15
alleles 20	-	1/1	<u>3</u>	-	-	1/2	<u>5</u>	-	-	-	-	-	-	10	15
21	75 90	-	10 18	<u>8</u>	-	<u>2</u> 11	<u>37</u> 56	-	40 91	-	-	<u>3</u> 5	<u>17</u> 34	210	366
22	1 1	-	-	1	-	-	-	-	<u>1</u>	-	-	-	<u>1</u>	6	15
23	1	-	-	-	-	-	-	-	-	-	-	-	-	0	11
3	1	-	-	1/3	-	-	-	-	-	-	-	-	<u>5</u>	7	22
4	-	-	-	1	-	-	<u>3</u>	-	-	-	10 14	-	-	15	44
5	-	1/2	<u>2</u>	-	-	-	<u>7</u>	-	-	-	-	-	-	10	26
6	-	<u>1</u>	<u>36</u> 56	-	-	<u>5</u> 20	71 115	-	-	-	-	-	-	113	204
7	12 27	1/4	<u>27</u> 45	15 31	<u>2</u> 5	3 8	<u>37</u> 68	-	85 186	-	-	12 18	<u>14</u> 20	255	493
8	-	-	-	-	-	-	-	-	-	-	-	-	-	5	9
9	<u>79</u> 99	2/2	8 13	<u>21</u> 45	<u>4</u> 7	<u>1</u>	<u>8</u>	-	126 263	-	-	-	<u>33</u> 57	333	587
#R	91	3	80	27	8	6	153	1	139	8	11	12	39		
Total	123	13	147	66	12	28	263	11	438	17	15	18	78		

- 3.0

- 1.5

- 0.0

- -1.5

- -3.0

Rv1877 alleles											
	1										
1	-	-	-	-	-	3 12	3	12		- 3.0	
2	<u>17</u> 20	9 12	3 14	<u>62</u> 64	329 681	<u>1</u>	443	830		- 1.5	
xthA 3 alleles	-	-	-	-	-	7 26	7	26			
4	12 15	3 ₅	4/10	<u>26</u> 26	155 422	-	206	500		- 0.0	
#R	29	12	7	89	487	11				1.5	
Total	36	17	24	91	1128	42				- –3.0	

	1	yaj 2	C alle		Total	
1	77	318 591	40 65	368	667	2.0
2	<u>20</u> 20	<u>50</u> 224	19 40	92	288	- 3.0
moeW 3	2/2	62 191	9 19	73	213	- 1.5
alleles 4	-	6 15	1/2	7	17	- 0.0
5	1 1	81 136	13 18	95	155	1.5
#R	30	543	84			3.0
Total	30	1209	147			-3.0

	rpsL alleles											
	1											
1	3 3	<u>2</u> 8	-	24 25	29	36		3.0				
2	<u>1</u>	11 16	-	-	12	17		- 3.0				
3	-	<u>5</u> 19	-	<u>2</u> 3	7	24		- 1.5				
Rv1877 ₄ alleles	15 15	-	-	74 76	89	91		- 0 0				
5	<u>24</u> 54	255 845	62 65	135 147	487	1128		- 0.0				
6	-	11 42	-	-	11	42		1.5				
#R	43	301	68	239				3.0				
Total	78	969	71	259				_5.0				

Rv1877 alleles											
		1	2	3	4	5	6	#R	Total		
	1	13 16	<u>2</u>	-	<u>29</u> 29	176 327	-	226	387		- 3.0
dnaA	2	-	-	-		14 20	-	14	20		- 3.0
	3	-	-	-	-	<u>22</u> 22	-	22	22		- 1.5
alleles	4	-	-	-	-	<u>1</u>	-	1	17		- 0.0
	5	16 20	10 13	<u>4</u> 19	<u>56</u> 58	250 703	<u>11</u> 34	369	894		1.5
#	ŧR	29	12	7	89	487	11				- –3.0
Tot	al	36	17	24	91	1128	42				3.0

	1	2	rpsL a	alleles 4	; #R	Total	
1	<u>2</u>	<u>39</u> 50	-	2/2	43	58	
10	-	<u>3</u> 24	-	-	3	26	
11	1 1	36 51	-	<u>2</u>	39	54	- 3.0
12	1/2	<u>9</u> 30	1/2	30 30	41	64	
13	-	1 11	-	-	1	12	- 1.5
2	1 1	6 17	-	-	8	19	- 1.5
3 Rv1591	16 30	91 262	<u>22</u> 23	75 80	207	399	
alleles 4	-	15 94	-	-	16	97	- 0.0
5	<u>5</u> 7	<u>2</u> 8	-	-	10	18	
6	9 17	53 277	36 36	94 100	195	436	
7	-	<u>1</u> 34	-	-	1	35	- –1.5
8	2/2	6 10	-	-	8	12	
9	<u>5</u>	24 73	<u>9</u>	<u>19</u> 22	58	114	- –3.0
#R	43	301	68	239			
Total	78	969	71	259			