							gyr	A alle	eles							
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	<u>1</u>	<u>5</u> 7	<u>1</u> 9	5 127	-	ı	<u>1</u> 17	11 13	<u>2</u>	6 6	13 14	9 10	68	244	- 3.0
ansP2 2 alleles	-	6 9	24 26	<u>4</u> 37	15 240	-	1	6 50	41 45	<u>4</u>	∞ ∞	<u>25</u> 27	62 64	231	594	- 1.5 - 0.0
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			1.5
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			3.0

	1	2	3	4	5	6	gyr 7	A alle	eles 9	10	11	12	13	#R	Total	
1	-	1/1	<u>4</u> 5	$\frac{1}{11}$	10 69	-	-	1 15	<u>17</u> 20	-	<u>4</u>	13 13	26 26	90	191	- 4
2 ptrBb	-	-	-	1/1	<u>1</u> 9	-	-	-	-	ı	ı	<u>ა</u> ა	ı	6	18	- 2
alleles 3	-	<u>5</u> 8	25 28	<u>2</u> 32	9 286	-	-	<u>6</u> 51	31 34	<u>6</u> 7	10 10	<u>20</u> 23	46 49	195	620	- 0
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			2
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			4

							gyr	rA alle	lesاد							
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	-	1/1	-	-	-	-	-	2/2	-	1 1	1/1	-	6	15	- 3.0
2	-	<u>6</u> 9	<u>22</u> 26	<u>3</u> 38	13 312	-	-	<u>6</u> 55	38 44	<u>5</u> 7	99	32 33	7 <u>1</u> 74	242	710	- 1.5
lprA 3 alleles	-	-	1/1	-	-	-	-	-	4/4	-	-	-	-	5	20	- 0.0
4	-	1/1	<u>5</u>	<u>2</u>	7 37	-	-	1/12	77	1/1	11	<u>4</u> 6	<u>1</u>	43	97	
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			1.5
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			- –3.0

		R۱	/1115	allel	es		
	1	2	3	4	#R	Total	
1	-	-	1/2	<u>9</u> 21	10	23	- 1.0
2	<u>2</u>	<u>51</u> 93	<u>2</u> 13	71 274	126	394	1.0
3 Rv0880	-	<u>37</u> 56	1	73 214	111	285	- 0.5
alleles 4	-	8 14	<u>1</u> 5	24 77	34	97	- 0.0
5	-	2/4	-	15 43	17	49	0.5
#R	2	99	5	194			1.0
Total	6	168	26	635			1.0

		R۱	/1115	allel	es		
	1	2	3	4	#R	Total	
1	-	1/2	-	<u>8</u> 17	9	19	- 1.6
2	1/2	88 146	1 15	148 524	240	705	- 0.8
phoR 3 alleles	-	1	-	10	2	11	- 0.0
4	-	3 10	1/2	<u>19</u> 47	23	59	
#R	2	99	5	194			0.8
Total	6	168	26	635			1.6

	1	2	3	4	5	6	gyr 7	rA alle 8	eles 9	10	11	12	13	#D	Total	
1	_		$\frac{1}{1}$	2 14	6 75		,		2/2	_	3 3	7	9 9	36	154	
1	_	_	1	14	75	-		_	2	-	3	7	9	30	154	- 3.0
2 rplV	-	7 10	<u>28</u> 32	<u>3</u> 33	<u>14</u> 297	-	-	7 48	<u>50</u> 56	<u>6</u> 8	11 11	31 34	63 66	261	687	- 1.5
rplV alleles 3	-	-	-	-	-	-	-	-	-	1	-	-	ı	3	8	- 0.0
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			1.5
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			3.0

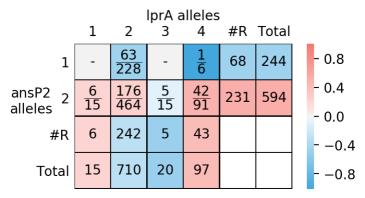
		ŗ	hoR	allele	S		
	1	2	3	4	#R	Total	
1	-	<u>1</u>	-	1/2	3	6	- 1.6
2	<u>1</u> 3	53 103	<u>1</u>	<u>2</u> 8	57	122	1.0
3	ı	<u>26</u> 63	ı	6 10	34	75	- 0.8
4	ı	1 14	ı	ı	4	22	0.8
Rv0428c ₅ alleles	8 16	<u>71</u> 254	1 10	3 18	92	318	- 0.0
6	-	<u>82</u> 250	1	<u>11</u> 21	102	286	- 0.0
7	-	<u>4</u> 11	-	1	8	15	0.8
8	-	-	-	1	0	3	0.8
#R	9	240	2	23			1.6
Total	19	705	11	59			1.6

							gyr	A alle	eles							
_	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	<u>6</u> 7	<u>21</u> 24	<u>4</u> 36	18 285	-	-	<u>6</u> 47	42 44	<u>3</u> 5	12 12	<u>27</u> 29	<u>55</u> 57	238	649	- 3.0
Rv1081c ₂		1 3	8 9	<u>1</u>	<u>3</u> 86	-	1	<u>1</u> 21	10 14	തത	2/2	11 12	17 18	64	201	- 1.5 - 0.0
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			- 0.0
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			3.0

							gyr	rA alle	eles							
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	8	- 3.0
accD5	-	<u>6</u> 7	<u>20</u> 22	<u>4</u> 32	<u>15</u> 250	-	-	<u>7</u> 56	39 43	<u>5</u>	11 11	37 38	64 67	245	611	- 1.5
alleles 3	-	<u>1</u> 3	9 11	1 10	5 112	-	-	-	10 12	1/2	ა ა	<u>1</u> 3	8 8	51	216	- 0.0
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			- –1.5
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			- –3.0

							gyr	A alle	eles							
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	<u>1</u>	<u>2</u> 2	-	-	-	ı	1 12	ı	ı	<u>1</u>	ı	<u>5</u>	11	59	
2	-	-	-	<u>1</u> 3	-	-	ı	-	-	ı	ı	ı	ı	3	13	- 3.0
3	-	-	<u>4</u> 4	-	<u>3</u> 52	-	ı	<u>6</u> 54	<u>ა</u>	<u>1</u>	<u>5</u>	<u>1</u>	67 69	109	224	- 1.5
Rv0071 ₄ alleles	-	-	3 3	<u>4</u> 29	<u>3</u> 47	-	ı	-	თ თ	ı	2/2	2/2	ı	31	128	- 0 0
5	-	-	-	-	-	-	-	-	-	-	2/2	<u>4</u>	-	7	33	- 0.0
6	-	-	<u>1</u>	-	-	-	-	-	-	1	<u>1</u>	-	-	2	13	1.5
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			3.0
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			

							gyr	rA alle	lesاد							
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total	
1	-	-	<u>5</u>	-	<u>2</u> 12	-	-	-	-	-	-	1 1	-	9	19	- 3.0
2	-	<u>5</u> 7	16 19	4/41	14 310	-	-	<u>6</u> 66	42 48	<u>5</u> 7	13 13	33 36	<u>69</u> 72	240	705	- 1.5
phoR 3 alleles	-	-	1 1	-	-	-	-	-	-	-	-	-	-	2	11	- 0.0
4	-	-	<u>2</u>	1/2	<u>4</u> 25	-	-	-	<u>5</u>	1/1	11	2/2	<u>1</u>	23	59	
#R	0	7	29	5	21	0	0	7	52	6	14	38	72			1.5
Total	22	10	33	48	376	5	8	68	58	8	14	41	75			- –3.0



							gyr	A alle									
	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total		
1	-	-	<u>1</u>	-	<u>1</u>	1	-	-	-	1	-	1	-	2	8		
2	-	1/2	3 3	<u>1</u> 9	-	1	1	ı	<u>6</u> 7	1	<u>1</u>	<u>1</u> 3	5 ₅	23	110		- 3.0
3	-	-	-	-	-	ı	ı	-	-	1	1	1	ı	0	2		
4	-	-	<u>1</u>	-	<u>1</u> 5	-	-	-	-	-	-	-	-	2	7		- 1.5
5 Rv0633c	-	-	<u>8</u> 9	<u>1</u>	11 93	-	-	<u>4</u> 30	15 17	<u>1</u> 3	4 4	18 19	40 41	121	249		
alleles 6	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	-	0.0
7	-	-	<u>1</u>	-	<u>1</u> 9	-	-	-	-	-	$\frac{1}{1}$	-	-	3	11		
8	-	<u>6</u> 8	15 18	3 31	7 202	-	-	3 28	<u>29</u> 32	<u>5</u> 5	7 7	19 19	<u>27</u> 29	145	440	-	-1.5
9	-	-	-	-	-	-	-	-	-	-	-	-	-	3	12		
#R	0	7	29	5	21	0	0	7	52	6	14	38	72				- –3.0
Total	22	10	33	48	376	5	8	68	58	8	14	41	75				

Rv0071 alleles													
	1	2	2 3 4 5 6 #R T										
1	-		-	<u>2</u>	-	<u>1</u>	3	6			_		
2	<u>2</u>	-	45 69	<u>7</u> 25	<u>2</u>	-	57	122			- 2		
3	-	<u>-</u>	-	<u>1</u>	-	-	34	75			1		
4	<u>1</u> 3		1 3	ı			4	22			- 1		
Rv0428c ₅ alleles	7 44	_	60 142	17 76	<u>5</u> 23	<u>1</u> 7	92	318			- 0		
6	1/2	-	<u>-</u>	16	-	-	102	286			- 0		
7	-	ა ა	<u>2</u>	თ 6	-	-	8	15			- –1		
8	-	-	-	•	-	-	0	3					
#R	11	3	109	31	7	2					- –2		
Total	59	13	224	128	33	13					_		

	gyrA alleles 1 2 3 4 5 6 7 8 9 10 11 12 13 #R Total																
1	-	-	-	1/3	2 11	-	-	-	3 3	-	-	2/2	-	10	23		- 4
2	-	3 3	14 17	3 28	5 177	-	-	<u>2</u> 26	<u>20</u> 22	<u>3</u>	<u>6</u>	16 17	36 38	126	394		2
3 Rv0880	1	3 5	11 12	1	8 133	- 1	-	<u>4</u> 22	19 21	<u>2</u>	4/4	15 17	26 26	111	285		- 2
alleles 4	ı	1/2	3 3	18	4 38	1	-	<u>1</u>	<u>4</u> 5	-	2/2	4/4	77	34	97		- 0
5	-	-	1	1	1	1	-	-	<u>6</u> 7	1/1	1/1	1	<u>3</u>	17	49		2
#R	0	7	29	5	21	0	0	7	52	6	14	38	72				2
Total	22	10	33	48	376	5	8	68	58	8	14	41	75				4