



pncA alleles

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	#R	Total
ethA alleles	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	14
	10	-	-	-	$\frac{12}{22}$	-	-	-	-	$\frac{2}{2}$	$\frac{9}{11}$	-	-	-	29	45
	11	-	-	-	-	-	-	-	-	-	-	-	-	-	5	61
	12	-	-	-	-	-	-	-	$\frac{5}{21}$	-	-	-	-	-	5	21
	13	-	-	-	-	-	-	-	-	-	-	-	-	-	0	25
	14	-	-	-	-	-	-	$\frac{8}{11}$	-	-	-	-	-	-	8	11
	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	16
	3	-	-	-	-	$\frac{3}{3}$	-	-	-	-	-	-	-	-	4	12
	4	-	-	-	-	-	-	-	-	-	-	-	-	$\frac{1}{1}$	6	30
	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	14
	6	-	-	-	-	-	-	-	-	-	-	-	-	-	2	13
	7	-	-	-	-	-	-	-	-	-	-	-	-	-	1	39
	8	-	-	-	-	-	-	-	-	-	-	-	-	-	0	12
	9	-	-	$\frac{3}{33}$	-	-	-	-	-	$\frac{4}{580}$	-	-	-	$\frac{1}{8}$	84	1018
#R	0	1	3	0	12	4	0	8	5	9	9	1	0	10		
Total	11	11	38	17	24	16	15	15	22	740	11	22	16	21		

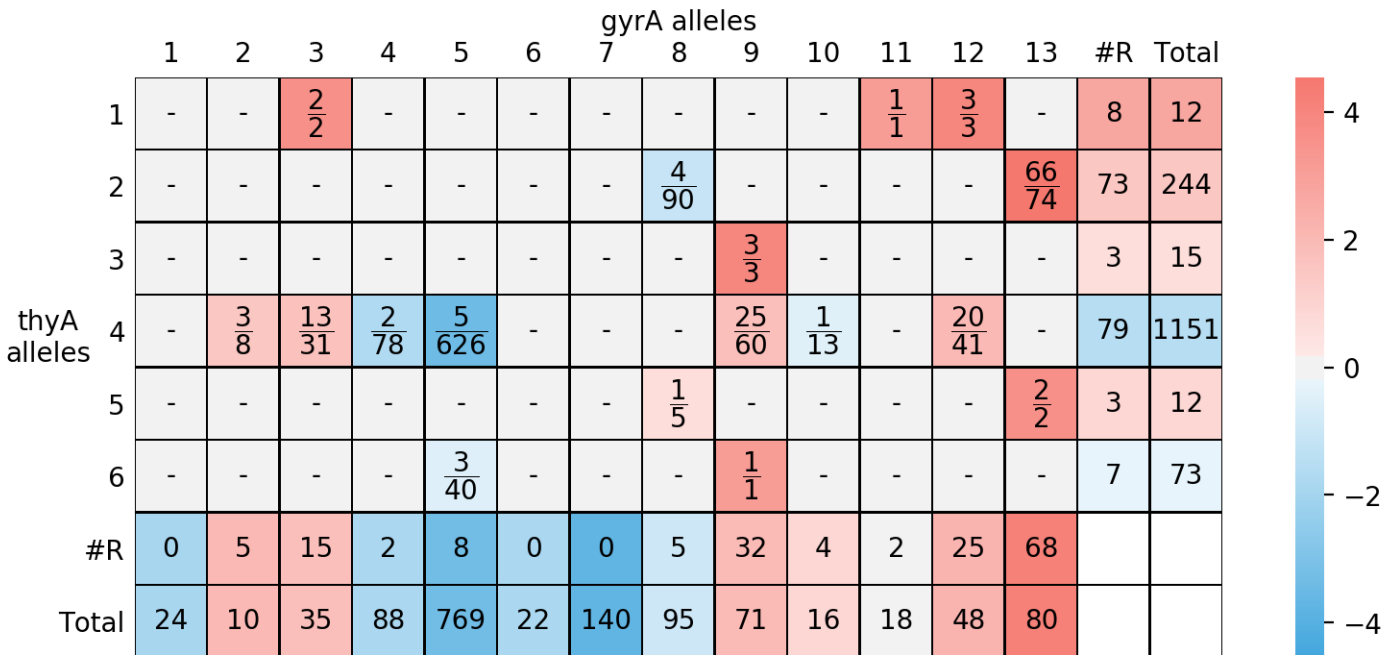
3.0

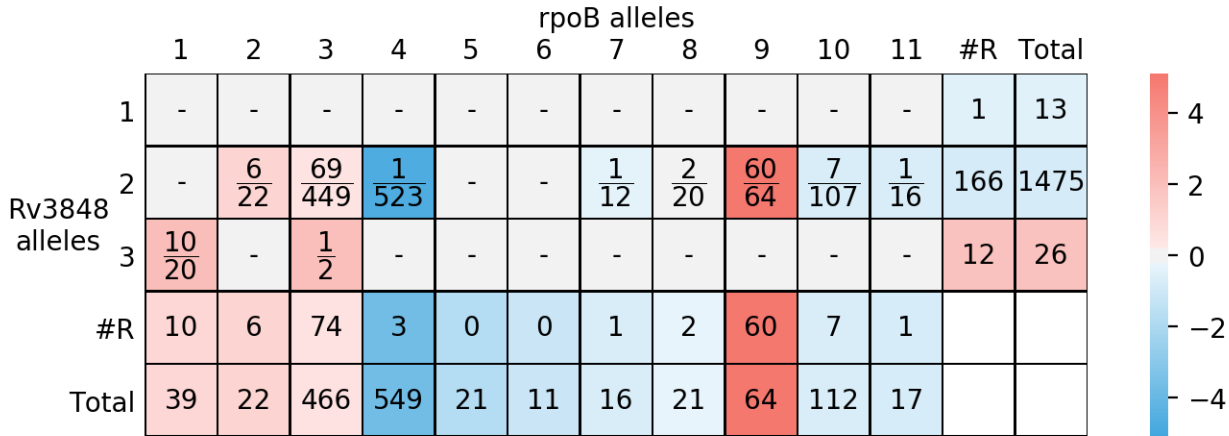
1.5

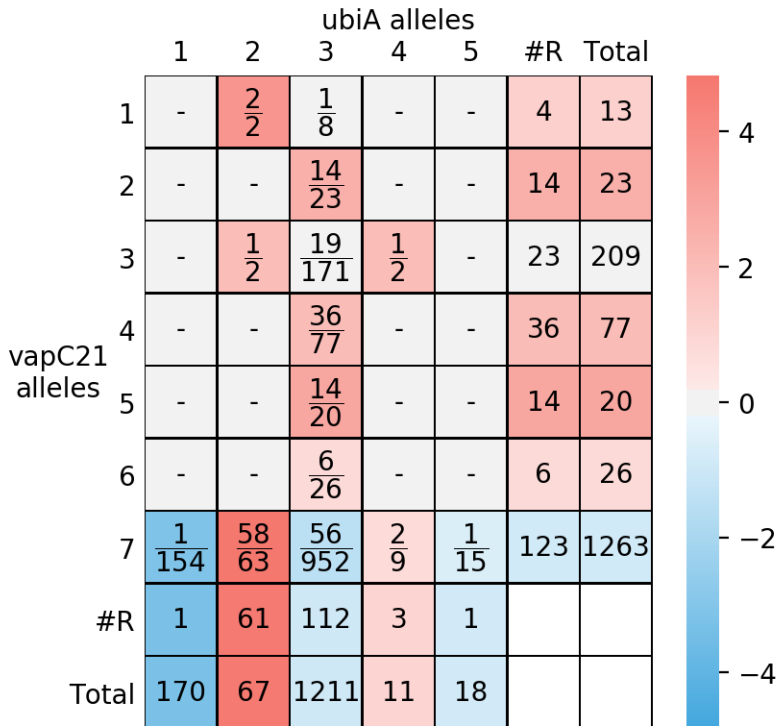
0.0

-1.5

-3.0







gyrA alleles

	1	2	3	4	5	6	7	8	9	10	11	12	13	#R	Total
1	-	-	-	-	-	-	-	$\frac{3}{9}$	-	-	-	-	$\frac{6}{8}$	10	39
10	-	$\frac{2}{2}$	-	$\frac{1}{18}$	-	-	-	-	$\frac{1}{10}$	-	$\frac{1}{4}$	-	-	7	112
11	-	-	-	-	-	-	-	-	-	-	-	-	-	1	17
2	-	-	-	-	-	-	-	-	$\frac{1}{4}$	-	-	$\frac{4}{5}$	-	6	22
3	-	$\frac{1}{4}$	$\frac{13}{25}$	$\frac{1}{23}$	$\frac{4}{247}$	-	-	$\frac{1}{24}$	$\frac{21}{34}$	$\frac{2}{4}$	$\frac{1}{3}$	$\frac{18}{31}$	$\frac{1}{5}$	74	466
4	-	-	-	-	$\frac{3}{314}$	-	-	-	-	-	-	-	-	3	549
5	-	-	-	-	-	-	-	-	-	-	-	-	-	0	21
6	-	-	-	-	-	-	-	-	-	-	-	-	-	0	11
7	-	-	-	-	$\frac{1}{9}$	-	-	-	-	-	-	-	-	1	16
8	-	-	-	-	-	-	-	-	-	$\frac{1}{1}$	-	-	-	2	21
9	-	-	-	-	-	-	-	-	-	-	-	-	$\frac{60}{64}$	60	64
#R	0	5	15	2	8	0	0	5	32	4	2	25	68		
Total	24	10	35	88	769	22	140	95	71	16	18	48	80		

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