

DQB1*02:02

DQB1*02:02:01/DQB1*02:02

*05:01:29/DQB1*05:01:33/DQB1*05:01:35/DQB1*05:01:40/DQB1*05:183/DQB1*05:193/DQB1*05:194/DQB1*05:195/DQB1*05:

DQB1*03:01:01/DQB1*03:01

DQB1*02:02:01/DQB1*02:02:06/DQB1*02:02:09/DQB1*02:156/DQB1*(

31*03:01:43/DQB1*03:01:44/DQB1*03:297/DQB1*03:419/DQB1*03:431/DQB1*03:276N/DQB1*03:292/DQB1*03:293/DQB1*03:294

DQB1*02:02:01/DQB1*02:02

DQB1*05:03:0

DQB1*03:02:01/DQB1*03:01

DQB1*03:01/DQB1*03:2

DQB1*06:02:01/DQB1*06:02:3

DQB1*02:01:01/DQB1*02:01

DQB1*03:01:01/DQB1*03:01:01

DQB1*03:01

Sample size: 411

Estimated heterozygosity: 0.9546

Hardy–Weinberg equilibrium test p-value: 6.5839e-06

Ewens–Watterson–Slatkin neutrality test: FDR p.adj min: 0.475 max: 0.993

There are 45 low frequency alleles or haplotypes not shown above.

Follows the complete list of alleles, including those with lower and null frequencies not shown before.

Allele or Haplotype Name
DQB1*03:01:01/DQB1*03:297/DQB1*03:431
5:03:01/DQB1*05:03:18/DQB1*05:03:19/DQB1*05:149/DQB1*05:191/DQB1*05:212
03:01:44/DQB1*03:297/DQB1*03:419/DQB1*03:431/DQB1*03:276N/DQB1*03:292/DQB1*03:293
DQB1*04:02:01/DQB1*04:02:18/DQB1*04:04
6:01:01/DQB1*06:01:15/DQB1*06:01:25/DQB1*06:285/DQB1*06:307/DQB1*06:309
DQB1*06:03:01/DQB1*/DQB1*06:39
DQB1*06:04:01/DQB1*06:41
DQB1*05:01:01/DQB1*05:01:40/DQB1*05:01:33
DQB1*02
1:44/DQB1*03:276N/DQB1*03:292/DQB1*03:293/DQB1*03:294/DQB1*03:326/DQB1*03:342/DQB1*03:343
DQB1*05:03:01/DQB1*05:03:18
DQB1*02:02:01/DQB1*02:01:01/DQB1*02:02:06/DQB1*02:156/DQB1*02:163N
DQB1*02:01:01/DQB1*02:02:06/DQB1*02:156/DQB1*02:163N
DQB1*05:23
DQB1*02:01:01/DQB1*02:109/DQB1*02:148
DQB1*05:01:01/DQB1*05:03:01/DQB1*05:03:18/DQB1*05:03:19
28/DQB1*05:01:29/DQB1*05:01:40/DQB1*05:183/DQB1*05:193/DQB1*05:194/DQB1*05:232/DQB1*05:233
1*05:01:33/DQB1*05:01:35/DQB1*05:01:40/DQB1*05:183/DQB1*05:193/DQB1*05:194/DQB1*05:232/DQB1*05:233
01/DQB1*05:165/DQB1*05:198/DQB1*05:222/DQB1*05:239/DQB1*05:241/DQB1*05:251
DQB1*03:01:02
DQB1*03:691
DQB1*03:12
DQB1*06:04P
DQA1*01:02:02
DQB1*05:03
DQB1*06:09:01/DQB1*06:281
DQB1*04:02:01/DQB1*04:02:18
DQB1*05:01:01/DQB1*05:237/DQB1*05:01:40/DQB1*05:01:33
DQB1*02:01:01/DQB1*02:163N
DQB1*03:02:01/DQB1*03:289/DQB1*03:416
DQB1*05:01:01/DQB1*05:01:33/DQB1*05:01:40/DQB1*05:237
DQB1*06:01
DQB1*03:01
DQB1*03:01:41
DQB1*03:01:01/DQB1*03:01:43/DQB1*03:276N/DQB1*03:01:41
DQB1*03:02:01

[illegible]

	Allele or Haplotype Name	Frequency Estimate
73	DQB1*03:02:01/DQB1*03:289	0.0328
74	DQB1*06:03:01	0.0353
75	DQB1*05:03:01	0.0401
76	DQB1*05:01:01/DQB1*05:01:33	0.0499
77	DQB1*02:01:01	0.0523
78	DQB1*03:01:01/DQB1*03:297/DQB1*03:419/DQB1*03:431	0.0584
79	DQB1*05:02:01/DQB1*05:241	0.0693
80	DQB1*05:02:01	0.1010
81	DQB1*03:01:01/DQB1*03:297/DQB1*03:01:41	0.1071