

R-L48\* Allele Diversity

Allele	All	UK&I	NWE	Sca	CE	NEE	SEE	SWE
393	0.1429	0.0000						
390	0.4945	0.4000						
19	0.2747	0.0000						
391	0.3626	0.6000						
385	0.4725	0.4000						
426	0.0000	0.0000						
388	0.0000	0.0000						
439	0.7033	0.7000						
389	0.6484	0.0000						
392	0.0000	0.0000						
458	0.6923	0.7000						
459	0.3846	0.4000						
455	0.1429	0.4000						
454	0.1429	0.0000						
447	0.3846	0.4000						
437	0.2747	0.4000						
448	0.0000	0.0000						
449	0.6923	0.6000						
464	0.9121	0.9000						
460	0.4725	0.4000						
GATA H4	0.6154	0.4000						
YCA II	0.3956	0.7000						
456	0.6484	0.0000						
607	0.3846	0.4000						
576	0.8022	0.8000						
570	0.4945	0.4000						
CDY	0.9451	0.9000						
442	0.3846	0.7000						
438	0.1429	0.0000						
531	0.0000	0.0000						
578	0.0000	0.0000						
395S1	0.1538	0.0000						
590	0.0000	0.0000						
537	0.2949	0.0000						
641	0.1538	0.0000						
472	0.0000	0.0000						
406S1	0.1538	0.0000						
511	0.1538	0.0000						
425	0.0000	0.0000						
413	0.5256	0.4000						
557	0.4231	0.7000						
594	0.0000	0.0000						
436	0.0000	0.0000						
490	0.0000	0.0000						
534	0.6026	0.6000						
450	0.0000	0.0000						
444	0.5897	0.4000						
481	0.5000	0.0000						
520	0.2821	0.4000						
446	0.2821	0.0000						
617	0.0000	0.0000						
568	0.0000	0.0000						
487	0.3846	0.0000						
572	0.0000	0.0000						
640	0.0000	0.0000						
492	0.0000	0.0000						
565	0.1538	0.0000						
461	0.4643							
462	0.0000							
A10	0.4286							

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Allele	All	UK&I	NWE	Sca	CE	NEE	SEE	SWE
635	0.0000							
1B07	0.4643							
441	0.2500							
445	0.2500							
452	0.2500							
463	0.2500							

Allele	All	UK&I	NWE	Sca	CE	NEE	SEE	SWE
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Allele diversity (h) calculated as:

$$h = \frac{n}{n-1} \left( 1 - \sum_{i=1}^M x_i^2 \right)$$

$n$  is number of haplotypes,  $M$  is the number of unique allele values and  $x_i$  is the allele frequency

Reference: *Arlequin* V3.1 Manual, Section 7.1.1.1 - Gene Diversity (from p. 180 of Nei, M., 1987 Molecular Evolutionary Genetics. Columbia University Press, New York, NY, USA.)  
[<http://cmpg.unibe.ch/software/arlequin3/arlequin31.pdf>]

<p>Region Index:  UK&amp;I - United Kingdom &amp; Ireland  NWE - North Western Europe  Sca - Scandinavia  CE - Central Europe  NEE - North Eastern Europe  SWE - South Western Europe  SEE - South Eastern Europe</p>
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