

R-U106* Allele Diversity

Allele	All	UK&I	NWE	Sca	CE	NEE	SEE	SWE
393	0.1429	0.2857						
390	0.2747	0.2857						
19	0.2637	0.2857						
391	0.3626	0.2857						
385	0.3956	0.2857						
426	0.1429	0.2857						
388	0.1429	0.0000						
439	0.5934	0.7143						
389	0.7033	0.4762						
392	0.1429	0.0000						
458	0.6593	0.6667						
459	0.3626	0.4762						
455	0.0000	0.0000						
454	0.0000	0.0000						
447	0.5604	0.2857						
437	0.1429	0.2857						
448	0.2747	0.2857						
449	0.7692	0.6667						
464	0.9560	0.9524						
460	0.1429	0.2857						
GATA H4	0.3626	0.2857						
YCA II	0.6813	0.8571						
456	0.5714	0.2857						
607	0.4725	0.5238						
576	0.7692	0.6667						
570	0.4945	0.2857						
CDY	0.9341	0.9524						
442	0.4945	0.2857						
438	0.1429	0.2857						
531	0.0000	0.0000						
578	0.0000	0.0000						
395S1	0.5824	0.4762						
590	0.0000	0.0000						
537	0.0000	0.0000						
641	0.0000	0.0000						
472	0.0000	0.0000						
406S1	0.2637	0.0000						
511	0.3626	0.2857						
425	0.1429	0.2857						
413	0.6813	0.5238						
557	0.6923	0.6667						
594	0.0000	0.0000						
436	0.0000	0.0000						
490	0.0000	0.0000						
534	0.7033	0.6667						
450	0.0000	0.0000						
444	0.3846	0.2857						
481	0.3626	0.5714						
520	0.4945	0.5714						
446	0.4725	0.5714						
617	0.1429	0.2857						
568	0.0000	0.0000						
487	0.2747	0.2857						
572	0.1429	0.0000						
640	0.0000	0.0000						
492	0.0000	0.0000						
565	0.0000	0.0000						
461	0.2500							
462	0.0000							
A10	0.6071							

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Allele	All	UK&I	NWE	Sca	CE	NEE	SEE	SWE
635	0.4286							
1B07	0.0000							
441	0.2500							
445	0.4286							
452	0.2500							
463	0.4643							

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&I - United Kingdom & Ireland NWE - North Western Europe Sca - Scandinavia CE - Central Europe NEE - North Eastern Europe SWE - South Western Europe SEE - South Eastern Europe</p>
