

Table 1. Benchmark tests of the CLADIST program and the DICHOT system

	A	B	C	D	E
Test 1	3546	200	1303	194	92.4 %
Test 2	3573	173	994	503	86.1%
Test 3	3673	73	1448	49	97.7%

A: Number of correctly assigned residues in structural domains

B: Number of incorrectly assigned residues in structural domains

C: Number of correctly assigned residues in ID regions

D: Number of incorrectly assigned residues in ID regions

E: Percentage of correctly assigned residues given by

$$100 \times (A + C) / (A + B + C + D)$$

Test1: CLADIST tested under standard conditions (*i.e.*, with e-values less than 10^{-3});

Test2: CLADIST assessed using homologues with e-values less than 10^{-100} ; Test3: the

DICHOT system evaluated under the standard conditions.