

original articles

Anti-serum albumin domain antibodies for extending the half-lives of short lived drugs  
*L.J.Holt, A.Basaran, K.Jones, J.Chorlton, L.S.Jespers, N.D.Brewis and I.M.Tomlinson* **283**

Genetic selection for peptide inhibitors of angiogenin  
*B.D.Smith and R.T.Raines* **289**

An improved prediction of catalytic residues in enzyme structures  
*Y.-R.Tang, Z.-Y.Sheng, Y.-Z.Chen and Z.Zhang* **295**

Thermostability promotes the cooperative function of split adenylate kinases  
*P.Q.Nguyen, S.Liu, J.C.Thompson and J.J.Silberg* **303**

Amino acid alphabet size in protein evolution experiments: better to search a small library thoroughly or a large library sparsely?  
*E.Muñoz and M.W.Deem* **311**

Directed evolution on the cold adapted properties of TAB5 alkaline phosphatase  
*D.Koutsoulis, E.Wang, M.Tzanodaskalaki, D.Nikiforaki, A.Deli, G.Feller, P.Heikinheimo and V.Bouriotis* **319**

Diverging catalytic capacities and selectivity profiles with haloalkane substrates of chimeric alpha class glutathione transferases  
*S.Kurtovic, A.Shokeer and B.Mannervik* **329**

*In vitro* DNA recombination by L-Shuffling during ribosome display affinity maturation of an anti-Fas antibody increases the population of improved variants  
*M.Chodorge, L.Fourage, G.Ravot, L.Jermutus and R.Minter* **343**

