

## Original articles

Structural insight into the binding mode between the targeting domain of ALE-1 (92AA) and pentaglycine of peptidoglycan  
*H.Hirakawa, H.Akita, T.Fujiwara, M.Sugai and S.Kuhara* **385**

Creating lactose phosphorylase enzymes by directed evolution of cellobiose phosphorylase  
*M.R.M.De Groeve, M.De Baere, L.Hoflack, T.Desmet, E.J.Vandamme and W.Soetaert* **393**

Distributions of enzyme residues yielding mutants with improved substrate specificities from two different directed evolution strategies  
*J.Paramesvaran, E.G.Hibbert, A.J.Russell and P.A.Dalby* **401**

Directed evolution of *Candida antarctica* lipase A using an episomally replicating yeast plasmid  
*A.G.Sandström, K.Engström, J.Nyhlén, A.Kasrayan and J.-E.Bäckvall* **413**

Stabilising the DNA-binding domain of p53 by rational design of its hydrophobic core  
*K.H.Khoo, A.C.Joerger, S.M.V.Freund and A.R.Fersht* **421**

A structural model for the HAT domain of Utp6 incorporating bioinformatics and genetics  
*E.A.Champion, L.Kundrat, L.Regan and S.J.Baserga* **431**

## Short communication

Prediction and classification of chemokines and their receptors  
*S.Lata and G.P.S.Raghava* **441**

