

Title (en)  
CREATION OF VARIABLE LENGTH AND SEQUENCE LINKER REGIONS FOR DUAL-DOMAIN OR MULTI-DOMAIN MOLECULES

Title (de)  
VORBEREITUNG VON LINKER-REGIONEN MIT VARIABLER LÄNGE ZUR HERSTELLUNG VON BI- ODER MULTIDOMÄNPROTEINE

Title (fr)  
CREATION DE REGIONS DE LIAISON A SEQUENCE ET LONGUEUR VARIABLES, POUR MOLECULES A DOMAINE DOUBLE OU MULTIPLE

Publication  
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Application  
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Abstract (en)  
[origin: WO0123543A1] Disclosed are methods and compositions for creating a DNA, RNA or protein molecule with two or more nucleic acid or polypeptide domains, respectively, joined by a linker region. These methods are used to generate random linker libraries of nucleic acids that encode dual-domain or multi-domain polypeptides. The linker regions are characterized by both length and sequence variability.

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**C12N 15/10**; **C12N 15/62**

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Citation (search report)  
See references of WO 0123543A1

Citation (examination)  
• D.J. TURNER, M.A. RITTER & A.J.T. GEORGE: "Importance of the linker in expression of single-chain Fv antibody fragments: optimisation of peptide sequence using phage display technology", J. IMMUNOL. METHODS, vol. 205, 1997, pages 43 - 54  
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• A. SIMONCSITS, M.L. TJÖRNHAMMAR, S. WANG & S. PONGOR: "Isolation of altered specificity mutants of the single-chain 434 repressor that recognize asymmetric DNA sequences containing the TTA and TTAC subsites.", NUCL. ACIDS RES., vol. 27, no. 17, September 1999 (1999-09-01), pages 3474 - 3480

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