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- Claims filed after the date of filing of the application (Rule 68(4) EPC).
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(54) **Laglidadg homing endonuclease variants having mutations in two functional subdominants und use thereof**

(57) A LAGLIDADG homing endonuclease variant, having mutations in two separate subdomains, each binding a distinct part of a modified DNA target half-site, said LAGLIDADG homing endonuclease variant being able to cleave a chimeric DNA target sequence compris-

ing the nucleotides bound by each subdomain.

Use of said herodimeric meganuclease and derived products for genetic engineering, genome therapy and antiviral therapy.

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