

G1011PCT\_ST25.txt  
SEQUENCE LISTING

<110> Helmholtz-Zentrum für Infektionsforschung mbH

<120> Nukleinsäurekonstrukte zur Inaktivierung und konditionalen Mutagenese von Genen

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<170> PatentIn version 3.4

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<223> NMD-Kassette in Vektor, spezifisch für beta-7-Integrinen der Maus

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<221> Intron

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gcagcaactc aactggaagc aggtgaggcc agcgactgct gccacaggct gggctttcat	360
ggtgacgtct cttaaacttc tgtatcccta acacataacc agctttaaag cttccccgtg	420
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taagcttcct cacattcctc gaagccctta caagtttcct agttcacct tacggattcc 180  
tgaggaggaa atctatattt caccctgaa gaggccatat aaaatttcag aaggtctgcc 240  
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377

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ggagcagcag caactcaact ggaagcaggt gaggccagcg actgctgcca caggctgggc	360
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Ile Glu Gln Asp Gly Leu His Ala Gly Ser Pro Ala Ala Trp Val Glu
5      10      15      20

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35 40 45

Val Leu Phe Val Lys Thr Asp Leu Ser Gly Ala Leu Asn Glu Leu Gln  
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Asp Glu Ala Ala Arg Leu Ser Trp Leu Ala Thr Thr Gly Val Pro Cys  
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Ala Ala Val Leu Asp Val Val Thr Glu Ala Gly Arg Asp Trp Leu Leu  
85 90 95

Leu Gly Glu Val Pro Gly Gln Asp Leu Leu Ser Ser His Leu Ala Pro  
100 105 110

Ala Glu Lys Val Ser Ile Met Ala Asp Ala Met Arg Arg Leu His Thr  
115 120 125

Leu Asp Pro Ala Thr Cys Pro Phe Asp His Gln Ala Lys His Arg Ile  
130 135 140

Glu Arg Ala Arg Thr Arg Met Glu Ala Gly Leu Val Asp Gln Asp Asp  
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Leu Asp Glu Glu His Gln Gly Leu Ala Pro Ala Glu Leu Phe Ala Arg  
165 170 175



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 210 215 220  
 Ala Leu Ala Thr Arg Asp Ile Ala Glu Glu Leu Gly Gly Glu Trp Ala  
 225 230 235 240  
 Asp Arg Phe Leu Leu Leu Tyr Gly Ile Gly Ala Pro Asp Ser Gln Arg  
 245 250 255  
 Ile Ala Phe Tyr Arg Leu Leu Asp Glu Phe Phe  
 260 265