

492-33 PCT sequence listing\_ST25.txt  
SEQUENCE LISTING

<110> Universität Heidelberg  
<120> Short Peptides for Enhancing Muscle Function  
<130> 492-33 PCT  
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<141> 2011-10-20  
<150> US 61/405,155  
<151> 2010-10-20  
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 35 40 45  
 Gln Lys Asp Val Asp Ala Val Asp Lys Val Met Lys Glu Leu Asp Glu  
 50 55 60  
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 Trp Glu Asn Ser  
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Glu Lys Glu Glu Pro Pro  
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Gly Ala Leu Phe Leu Gly Phe Leu Gly Ala Ala Gly Ser Thr Met Gly

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Val Val Leu Val Ser Ala Leu Thr Val Ala  
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Ile Ile Leu Val Ala Ala Leu Thr Val Ala  
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Ile Val Leu Ile Ala Ala Leu Thr Val Ala

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492-33 PCT sequence listing\_ST25.txt

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492-33 PCT sequence listing\_ST25.txt

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Val Val Leu Val Ala Ala Leu Ala Ile Val  
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<210> 387  
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<220>  
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492-33 PCT sequence listing\_ST25.txt

<222> (2)..(2)  
<223> residue 2 may be valine or isoleucine

<220>  
<221> VARIANT  
<222> (4)..(4)  
<223> residue 4 may be valine or isoleucine

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<222> (5)..(5)  
<223> residue 5 may be alanine or serine

<220>  
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<223> residue 6 may be alanine or valine

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<223> residue 8 may be threonine or alanine

<220>  
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<223> residue 9 may be valine or alanine

<400> 387

Val Xaa Leu Xaa Xaa Xaa Leu Xaa Xaa Ala  
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<210> 388  
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<220>  
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Tyr Val Val Leu Val Ala  
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<400> 389

Ala Ala Leu Thr Val Ala  
1 5

<210> 390  
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492-33 PCT sequence listing\_ST25.txt

<223> peptide variant based on amino acids 76 to 85 of human S100A1

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<400> 391

Val Val Leu Met Ala Ala Leu Thr Ala Val  
1 5 10

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<400> 393

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<210> 394

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<220>

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<400> 394

Ile Val Leu Val Ala Ala Leu Thr Val Ala  
1 5 10