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- (71) Applicant (*for all designated States except US*): VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE VZW [BE/BE]; Rijnvissestraat 120, B-9052 Zwijnaarde (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): VAN ROY, Frans [BE/BE]; Bijlokestraat 43, B-9070 Destelbergen (BE). GOOSSENS, Steven [BE/BE]; Noordstraat 1 bus 4, B-9000 Gent (BE). JANSSENS, Barbara [BE/BE]; Jan Verspeyenastraat 4, B-9000 Gent (BE). VANPOUCKE, Griet [BE/BE]; Hundelgemsesteenweg 3, B-9820 Merelbeke (BE).
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(54) Title: NOVEL α -CATENIN EXPRESSED IN HEART AND TESTIS

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	vinculin	α -catulin	α T-catenin	α E-catenin	α N-catenin
vinculin	100 %	11.84 %	17.62%	18.38 %	18.11%
α -catulin		100 %	18.87 %	20.54%	21.34%
α T-catenin			100 %	58.56%	56.56%
α E-catenin				100 %	75.6%
α N-catenin					100 %

(57) Abstract: The present invention relates to a novel α -catenin with a new, specific expression pattern in mainly heart and testis. The invention further relates to the use of said α -catenin in prediction, diagnosis or treatment of cadherin-catenin related diseases, in particular cardiomyopathies and male infertility.

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