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Dissemination Level (please tick)

PU = Public

PP = Restricted to other programme participants (including the Commission Services).

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CO = Confidential, only for members of the consortium (including the Commission Services).

D5.5: Antibodies against proteins encoded by GOI

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Partners involved: Tigenix – KU Leuven.

Genes of interest identified by the TREATOA consortium's efforts are studied by the different partners, in particular Tigenix and KU Leuven, to get more information about their function in *in vitro* and *in vivo* model systems. Protein expression is studied by Western blot and immunohistochemistry. The following antibodies have been developed or obtained and tested and are at the disposition of the different TREATOA consortium members.

ANP32A identified as gene of interest in Valdes et al, Arthritis Rheum. 2009 Jul;60(7):2046-54

- I1PP2A: goat anti human (mouse): Santa Cruz, Sc-5652

DIO2 identified as gene of interest in Meulenbelt et al, Hum Mol Genet. 2008 Jun

15;17(12):1867-

75

- DIO2: goat anti human(mouse): Abcam, Ab77481

FRZB identified as gene of interest in Loughlin et al, Proc Natl Acad Sci U S A. 2004 Jun

29;101(26):9757-62

- FRP3 (C-20): goat anti human: Santa Cruz, Sc-7427

- SFRP3: goat anti mouse: R&D, AF592

- SFRP3: goat anti human: R&D, AF192

- SFRP3: biotin anti human, R&D, BAF192

- SFRP3: monoclonal anti mouse/human: R&D, MAB192

GDF5 identified as gene of interest in Evangelou et al, Arthritis Rheum. 2009 Jun;60(6):1710-21.

- GDF5 blocking peptide: Santa Cruz, Sc-6901p

- GDF5: goat anti human: Santa Cruz, Sc-6901

- CDMP1: chicken: Pfizer

- GDF5: mouse anti human rGdf5 aMP4 (IgG2a): Biopharm

- GDF5: mouse anti human rGdf5 aMP5 (IgG1): Biopharm

Cog5 Cluster identified as gene of interest in Kerkhof et al, Arthritis Rheum. 2010

Feb;62(2):499-

510.

PRKAR2B

- PRKAR2B: mouse anti human: Abnova, 00005577-A01

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HBP1

- HBP1: goat anti human: Santa Cruz, 8489

GPR22

- GPR22: rabbit anti human, Sigma, HPA012043

BCAP29

- BCAP29: mouse anti human: Abcam, H0055973