

Arabidopsis class XI myosins display partially redundant functions in the differentiation of epidermal cells as well as of reproductive organs

Ojangu, Eve-Ly; Järve, Kristel; Paves, Heiti; Truve, Erkki 9. Plant Genomics European Meeting. Istanbul, May 4-7 2011 / p. 82

Arabidopsis myosins XI1, XI2, and XIK are crucial for gravity-induced bending of inflorescence stems

Talts, Kristiina; Ilau, Birger; Ojangu, Eve-Ly; Tanner, Krista; Peremyslov, Valera V.; Dolja, Valerian V.; Truve, Erkki; Paves, Heiti Frontiers in plant science 2016 / art. 1932, p. 1-12 : ill <https://doi.org/10.3389/fpls.2016.01932> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Arabidopsis thaliana myosin XIK is involved in root hair as well as trichome morphogenesis on stems and leaves

Ojangu, Eve-Ly; Järve, Kristel; Paves, Heiti; Truve, Erkki Protoplasma 2007 / 3/4, p. 193-202
<https://link.springer.com/article/10.1007/s00709-006-0233-8>

Chromosome variant 1qh- and its influence on the 3D organization of chromosome 1 heterochromatin in interphase nucleus of patients with endometriosis

Mikelsaar, Ruth; Paves, Heiti; Org, Katrin; Mikelsaar, Aavo-Valdur Journal of genetics 2014 / p. 219-223 : ill
<https://doi.org/10.1007/s12041-014-0340-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Class XI myosins contribute to auxin response and senescence-induced cell death in Arabidopsis

Ojangu, Eve-Ly; Ilau, Birger; Tanner, Krista; Talts, Kristiina; Ihoma, Eliis; Dolja, Valerian V.; Paves, Heiti; Truve, Erkki Frontiers in plant science 2018 / art. 1570, 21 p. : ill <https://doi.org/10.3389/fpls.2018.01570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cocksfoot mottle sobemovirus coat protein contains two nuclear localization signals

Olsper, Allan; Paves, Heiti; Toomela, Raavo; Tamm, Tiina; Truve, Erkki Virus genes 2010 / 3, p. 423-431 : ill

Cocksfoot mottle sobemovirus establishes infection through the phloem

Otsus, Maarja; Uffert, Gabriela; Sõmera, Merike; Paves, Heiti; Olsper, Allan; Islamov, Bulat; Truve, Erkki Virus research 2012 / p. 125-129 : ill <https://pubmed.ncbi.nlm.nih.gov/22425583/>

Expression of cocksfoot mottle virus putative movement protein in African green monkey fibroblasts

Paves, Heiti; Tamm, Tiina Plant molecular biology reporter 2000 / p. S32-8

Genomic organization and gene functions of sobemoviruses

Meier, Merike; Sarmiento Guerin, Maria Cecilia; Olsper, Allan; Paves, Heiti; Truve, Erkki XIV International Congress of Virology : Istanbul, 10-15 August, 2008 2008 / p. 213-214

Gravitropic response of arabidopsis inflorescence stems in myosin mutant plants [Online resource]

Talts, Kristiina; Ojangu, Eve-Ly; Ilau, Birger; Truve, Erkki; Paves, Heiti Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 57-58
http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

Incorporation of mammalian actin into microfilaments in plant cell nucleus

Paves, Heiti; Truve, Erkki BMC plant biology 2004 / 1, p. 7 <https://bmcpplantbiol.biomedcentral.com/articles/10.1186/1471-2229-4-7>

Internalisation of cell-penetrating peptides into tobacco protoplasts

Mäe, Maarja; Myrberg, Helena; Jiang, Yang; Paves, Heiti; Valkna, Andres; Langel, Ülo Biochimica et biophysica acta : biomembrans 2005 / 2, p. 101-107 : ill <https://pubmed.ncbi.nlm.nih.gov/15893512/>

Interplay between myosins and auxin in Arabidopsis

Talts, Kristiina; Ojangu, Eve-Ly; Ihoma, E.; Paves, Heiti; Truve, Erkki 7th EPSO Conference Plants for a Greening Economy : Porto Heli, Greece, 01-04 September 2013 2013 / p. 144

Müürlooga tolmukas : [rahvusvahelisel 35. mikrofotograafia võistlusel auhinnatud fotost]

Paves, Heiti Eesti Loodus 2011 / 3, lk. 32-33 : fot https://artiklid.elnet.ee/record=b2284951*est

Myosin inhibitors block accumulation movement of chloroplasts in Arabidopsis thaliana leaf cells

Paves, Heiti; Truve, Erkki Protoplasma 2007 / 3/4, p. 165-169 <https://link.springer.com/article/10.1007/s00709-006-0230-y>

Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Holweg, Carola; Truve, Erkki; Paves, Heiti BMC plant biology 2012 <https://pubmed.ncbi.nlm.nih.gov/22672737/>

Myosins XI-K, XI-1, and XI-2 are required for development of pavement cells, trichomes, and stigmatic papillae in Arabidopsis [Online resource]

Ojangu, Eve-Ly; Tanner, Krista; Pata, Pille; Järve, Kristel; Talts, Kristiina; Truve, Erkki; Paves, Heiti Environmental adaptation : from molecules to the planet : the Estonian Centre of Excellence in Environmental Adaptation ENVIRON. Final conference : October 1-3, 2015, Dorpat Conference Centre, Tartu, Estonia : abstract book 2015 / p. 49-50
http://environ.emu.ee/userfiles/environ/Abstract_Book_ENVIRON%20final%20conference%202015.pdf

New plant vectors for protein tagging with E2 Epitope

Nigul, Lenne; Olsper, Allan; Meier, Merike; Paves, Heiti; Talpsep, Tiit; Truve, Erkki Plant molecular biology reporter 2004 / 4, p. 399-407 : ill <https://link.springer.com/article/10.1007/BF02772682>

P1 - putative movement protein of sobemoviruses

Tamm, Tiina; Paves, Heiti; Meier, Merike; Truve, Erkki EMBO Workshop "Plant Virus Invasion and Host Defence" : Kolymbari, 2000 2000 / p. 23

P1 protein of Cocksfoot mottle virus is indispensable for the systemic spread of the virus

Meier, Merike; Paves, Heiti; Olsper, Allan; Tamm, Tiina; Truve, Erkki Virus genes 2006 / 3, p. 321-326
<https://link.springer.com/article/10.1007/s11262-005-6917-x>

Partially redundant functions of class XI myosins in differentiating Arabidopsis trichomes and root hairs

Ojangu, Eve-Ly; Järve, Kristel; Truve, Erkki; Paves, Heiti Plant Biology 2009 : Honolulu, July 18-22, 2009 2009 / p. 199

Properties of cocksfoot mottle sobemovirus (CfMV) proteins

Truve, Erkki; Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K. 18th Annual Meeting of the American Society for Virology : Amherst, 1999 1999 / p. 92

Properties of cocksfoot mottle virus proteins

Tamm, Tiina; Paves, Heiti; Meier, Merike; Sütt, Silva; Mäkinen, K.; Truve, Erkki 11th International Congress of Virology : Sydney, 1999 1999 / p. 68

Redundant functions of class XI myosins of Arabidopsis thaliana

Ojangu, Eve-Ly; Järve, Kristel; Talts, Kristiina; Paves, Heiti; Truve, Erkki 5th EPSO Conference "Plants for Life" : Olos, 29.08.-2.09 2010

Studies on cocksfoot mottle sobemovirus (CfMV) P1 protein

Meier, Merike; Tamm, Tiina; Paves, Heiti; Truve, Erkki 19th Annual Meeting of the American Society for Virology : Fort Collins, 2000 2000 / p. 60

Subcellular localization of five potato virus A proteins

Truve, Erkki; Sarmiento Guerin, Maria Cecilia; Hunt, R.; Merits, Andres; Paves, Heiti; Järvekülg, Lilian Plant molecular biology reporter 2000 / p. S30-44

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki 5th Congress of the European Foundation for Plant Pathology : Taormina-Giardini-Naxos, 2000 2000 / p. 16

Subcellular localization of five PVA proteins in tobacco protoplasts

Sarmiento Guerin, Maria Cecilia; Hunt, R.; Merits, Andres; Paves, Heiti; Järvekülg, Lilian; Truve, Erkki American Society for Virology Scientific Program and Abstracts : 19th Annual Meeting : Colorado State University, Fort Collins, Colorado, July 8-12, 2000 2000 / p. 92