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### The symphony of gene regulation

van Dijk, D.

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## List of publications

1. **van Dijk, D.**, Ertaylan, G., Boucher, C. A. & Sloot, P. M. Identifying potential survival strategies of HIV-1 through virus-host protein interaction networks. *BMC Systems Biology* (2010)
2. **van Dijk, D.**, Sloot, P.M.A., Tay, J. C. & Schut, M. C. Individual-based simulation of sexual selection: A quantitative genetic approach. *Procedia Computer Science* 1, 1997–2005 (2010).
3. Jaeger, S., Ertaylan, G., **van Dijk, D.**, Leser, U. & Sloot, P. Inference of surface membrane factors of HIV-1 infection through functional interaction networks. *PLOS ONE* (2010)
4. Carey, L.B., **van Dijk, D\***, Sloot, P. & Kaandorp, J. A., Segal E. Promoter Sequence Determines the Relationship between Expression Level and Noise. *PLOS Biology* (2013).
5. Dadiani, M., **van Dijk, D.**, Segal E., *et al.* Two DNA-encoded strategies for increasing expression with opposing effects on promoter dynamics and transcriptional noise. *Genome Research* (2013) **(on the cover of *Genome Research*)**.

\* Equal contribution