



Figure 2: Network of input proteins (DARPP-32, Dopamine receptor DRD1, Dopamine transporter SLC6A3, and casein kinase 2 CK2) and additional neighbors of these proteins.

miRNA affects DRD1 expression and probably miRNAs affect several additional proteins in the figure. The study of miRNAs is a new field and much needs to be learned. In this figure, line-colors and various interactions with other genes are red Down-regulation, green Up-regulation, beige Regulation, purple Co-expression, brown Physical Interaction, turquoise dotted Predicted Protein Interaction, and mauve dotted Predicted TFactor Regulation [2].

Acknowledgment:

There are no financial conflicts.

References:

- [1] Tobon KE *et al. PLoS One.* 2012 7: e49288 [PMID: 23152889]
- [2] <http://www.sabiosciences.com/>
- [3] http://www.nobelprize.org/nobel_prizes/medicine/laureates/2000/
- [4] Rebholz H *et al. Biol Psychiatry.* 2013 pii: 3223: 8 [PMID: 23290496]
- [5] Svenningsson P *et al. AAPS J.* 2005 7: E353 [PMID: 16353915]
- [6] <http://www.genecards.org/>
- [7] <http://www.ncbi.nlm.nih.gov/>

Citation: Shapshak, Bioinformation 9(6): 274-275 (2013)

License statement: This is an open-access article, which permits unrestricted use, distribution, and reproduction in any medium, for non-commercial purposes, provided the original author and source are credited