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Daniel Timothy Parry* (dan.t.parry@gmail.com). *Asymptotic Estimation of the Andrews Zagier $G_k(q)$ function and its connection to the Wright's Generalized Hypergeometric function.* Preliminary report.

We resolve a conjecture of George Andrews and Donald Zagier on a q -hypergeometric function we call $G_k(q)$ which counts partitions into short sequences. We do this by applying an old special function commonly used in fractional calculus known as the Wright function. (Received September 22, 2015)