



S7 Fig. Secondary reciprocal plots from initial velocity data with fixed and changed PRPP concentrations, varying substrate adenine. An apparent K_{ia} value was obtained with the secondary replot of the initial velocity double reciprocal slopes (right), shown in S5 Fig, where $slope = K_{ia}K_b/V_{max}$. Apparent K_{ia} was used as starting parameter for the global fitting of the initial velocity data using Eq (2), as described under Methods.