For translation FL = KEX RT (MRNA*)

kex = Kp (17) 16.5 aa/s × 3600 s/h) = 192.86 h-1. 5.88 MM/s x3600 S/h = 2535.1 MM 0 = V5 = 192.86 h. 1.6 MM (2535.1 MM (0.8+1) 2535.1 MM = 1169,7/MM/h. = 0.047 MM/S c). In linear programming problems, the shadowprice. of a constraint is the difference between the optimised value of the objective function and the value of object function, evaluated at the optional basis, when the right hand side of a constraint is increased by a unit In our problem, we can observe that by increasing the metabolite by one unit, the flux & shows how much more protein can be produced