

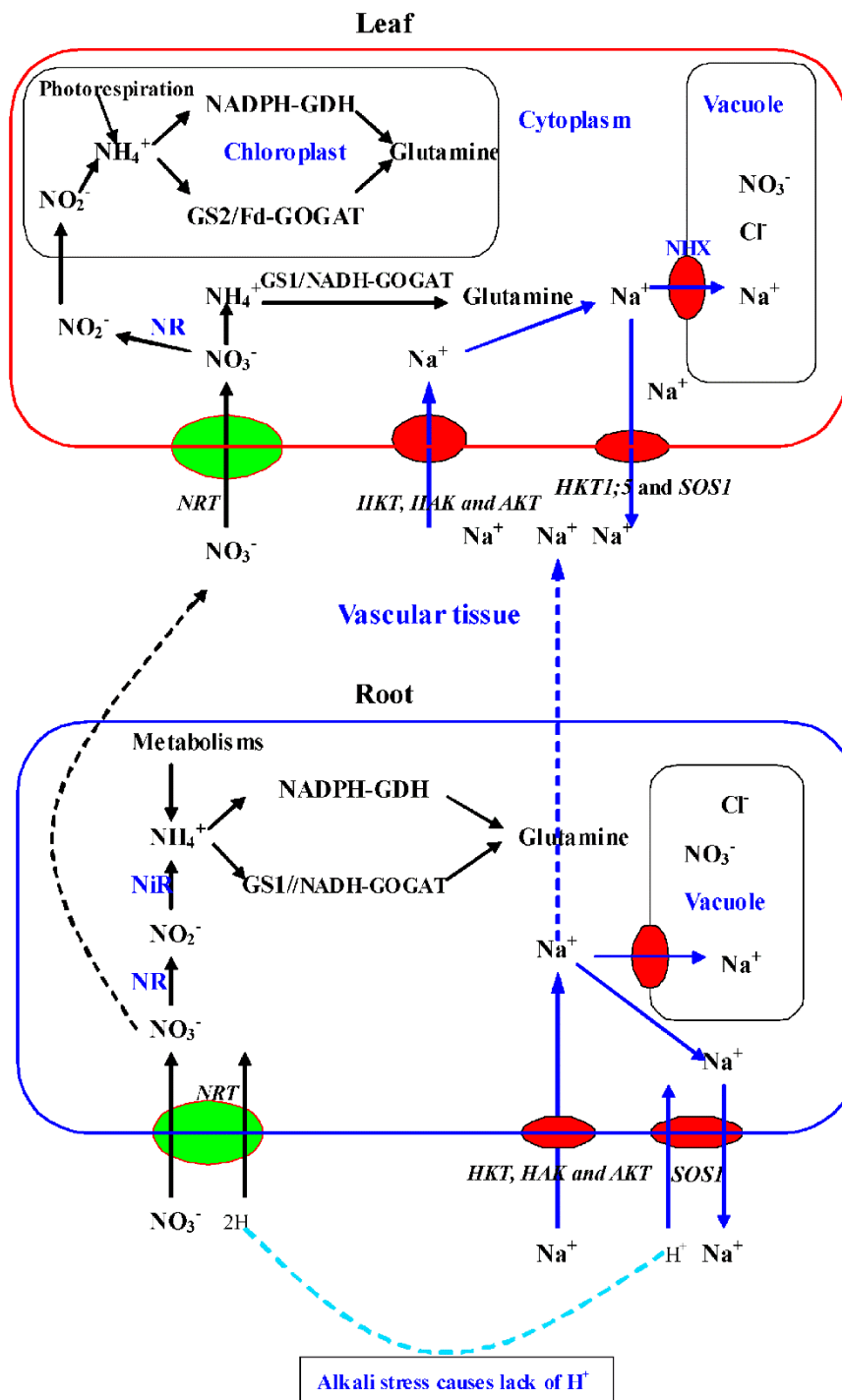


Fig. 1S. Nitrogen metabolism and ion homeostasis pathways of rice under salt and alkali stresses. AKT – low affinity K^+ transporter; GDH – glutamate dehydrogenase; GOGAT – glutamate synthase; GS – glutamine synthetase; HAK – KUP/HAK/KT K^+ transporter; HKT – high affinity K^+ transporter; NHX – Na^+/H^+ exchanger; NiR – nitrite reductase; NR – nitrate reductase; SOS – salt overly sensitive.