**Supplementary File 1.** Effect of NH2OH on inhibition of oxygen evolution rates in intact C12E8-dPSIIcc.

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| Concentration of NH2OH [mM] | [µmol of O2 h-1 (mg of Chl)-1]\* activity after dilution and 30 s incubation with different amounts of NH2OH |
| C12E8 dPSIIcc (%)† |
| 0 | 2669±454 (100) |
| 0.01 | 1395±58 (52) |
| 0.05 | 1073±26 (40) |
| 0.1 | 945±20 (35) |
| 0.5 | 732±34 (27) |
| 1 | 325±35 (12) |
| 2 | 137±98 (5) |

\*The rates are the averages of at least three repeated measurements.

†The percentage of control rates are given in parentheses.