

*Modified from Linhartová et al. (2014)*

**PSI:** **1** – PsaA/B, **2** – PsaD, **3** – PsaF, **4** – PsaL

**ATP-synthase:** **5** – AtpA/B, **6** – AtpC, **7**– AtpF, **8** – AtpD, **9** – AtpE

**PSII: 13** – CP47, **14** – CP43, **15** – D2, **16** – D1, **26** – PsbO

**NDH: 17** – NdhH, **18** – NdhB, **19** – NdhI, **20** – NdhJ

**cytochrom b6f: 22** – PetA (cytf), **23** – PetB (cytb6), **24** – PetD (subu IV)

**PBS: 11** – CpcC1 (phycocyanin-associated rod linker protein), **12** – CpcG1 (phycobilisome rod-core linker protein), **29** – CpcA/B (phycocyanin alpha/beta subunit)

**transporters: 21** – Amt1 (ammonium transporter), **25** – PstA (phosphate-specific transporter system subu), **27** – UrtA (urea ABC transporter substrate-binding protein)

**pilins:** **28** – PilA1, 30 – pPilA1, 31 – NpPilA1

**10** – IlvC (acetohydroxyacid isomeroreductase)

**rb**: ribosome subunits