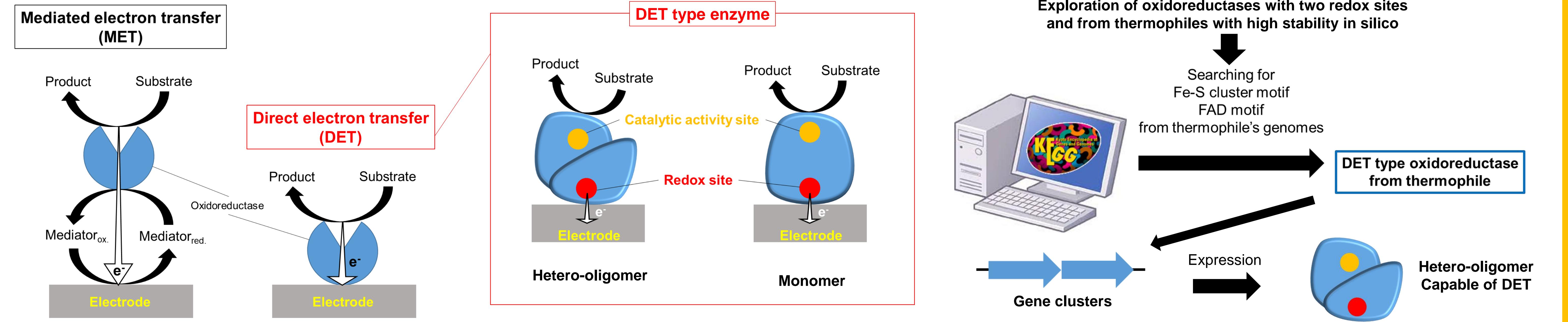


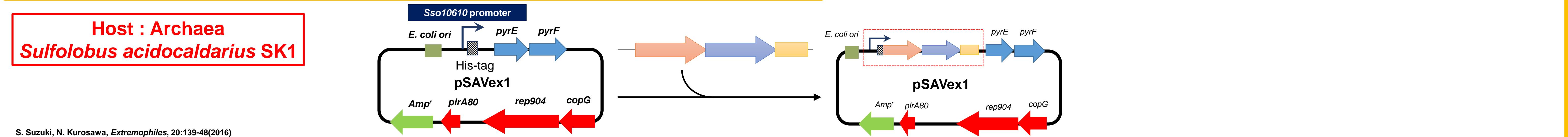
メディエーターレス酵素機能電極用素子を志向した直接電子移動型色素依存性脱水素酵素の探索と機能解析

福井大学 学術研究院 工学系部門 生物応用化学講座 里村武範

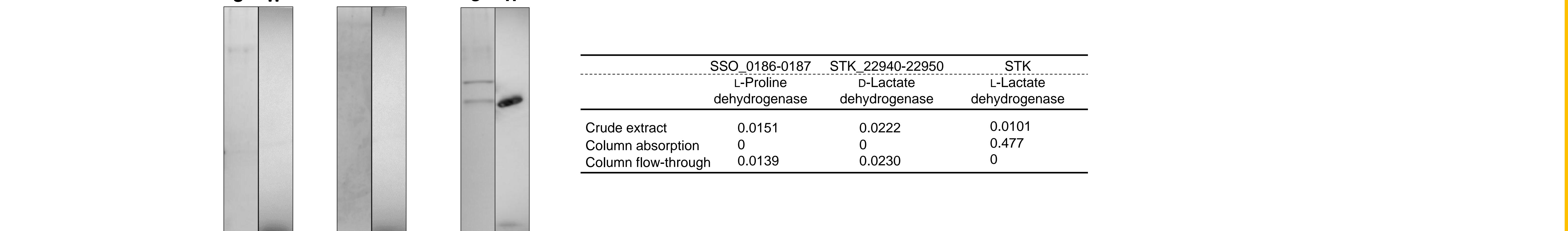
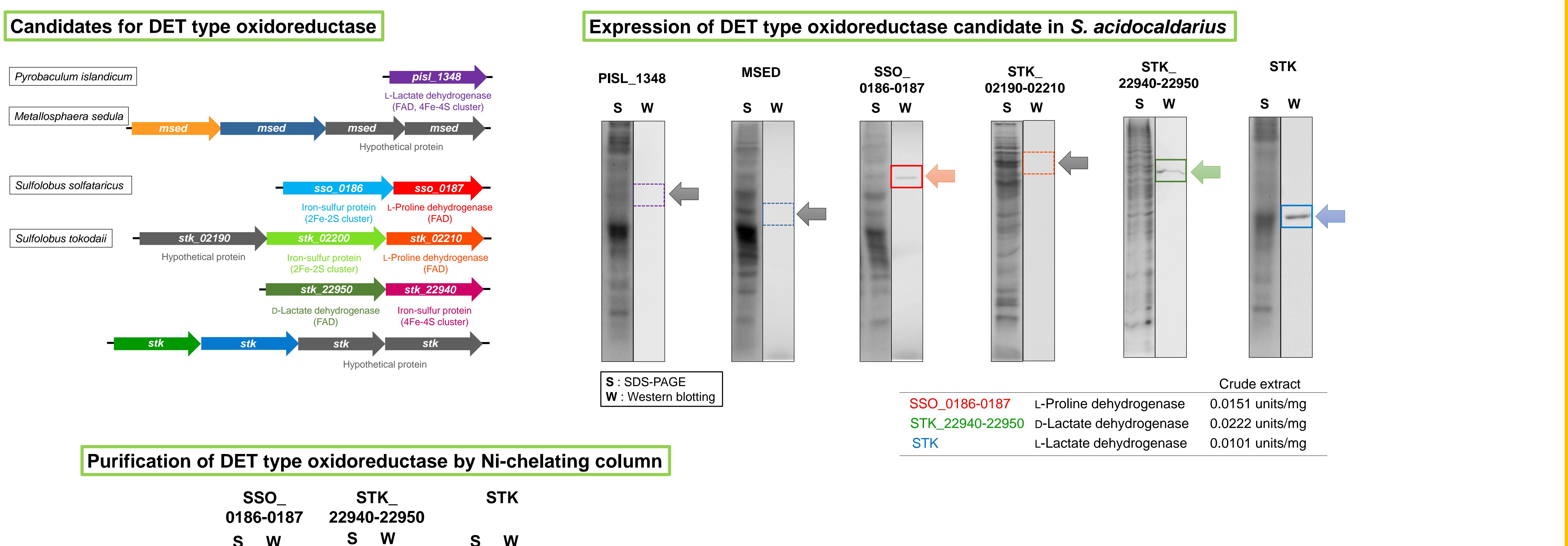
Screening of direct electron transfer (DET) type oxidoreductase



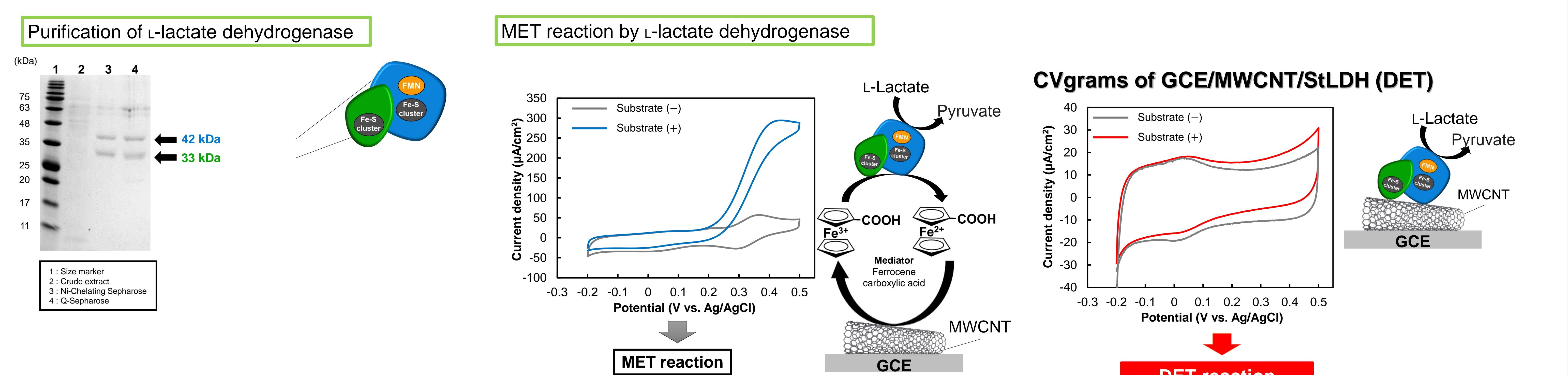
Strategy for DET type oxidoreductase gene expression



Extraction of candidate for DET type oxioreductase



Characterization of L-lactate dehydrogenase



Conclusion

- Candidates for DET type dehydrogenase were obtained from hyperthermophiles.
- S. tokodaii* L-lactate dehydrogenase was DET type dehydrogenase.