

2020      3      13

/      2020      6      24

---

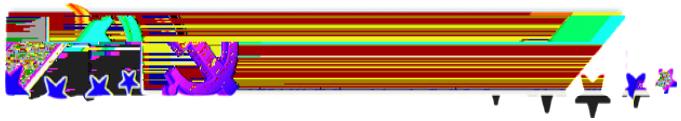
❖

❖

❖

!

!!



/

5 8

/

/

5 8

/

6 10

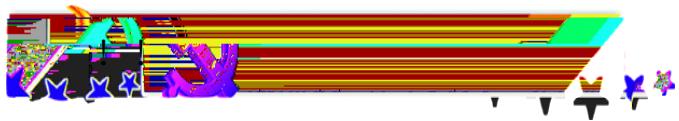
25



4        5

/

;



CAI

2005



<

>







2018 4 24

ORCID

ORCID

CRediT

Authorship Change Agreement

Crosscheck

Genome

Sequence Archive

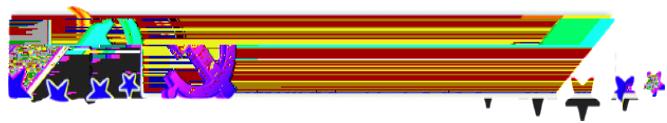
*GPB*



2010

2017





“

”

2019 35

---

---

84097548