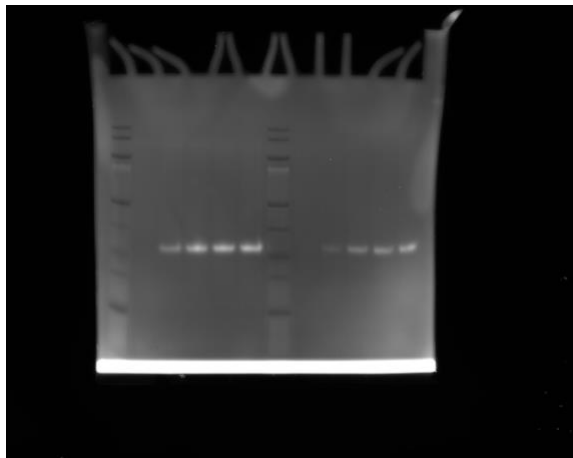


Raw His-tagged Stained Gel Picture for Supplementary Figure 1

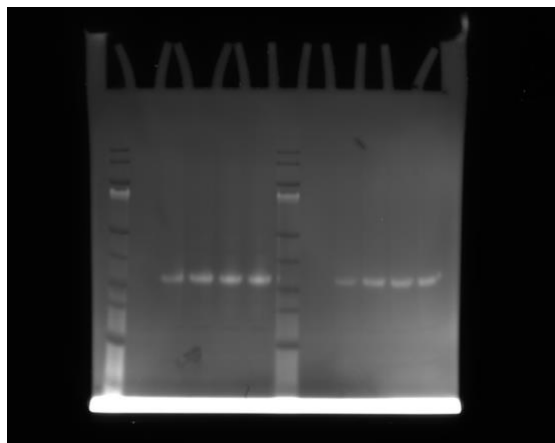
A. 0.1 mM IPTG + 1 mM Betaine flask #27



10/08/24

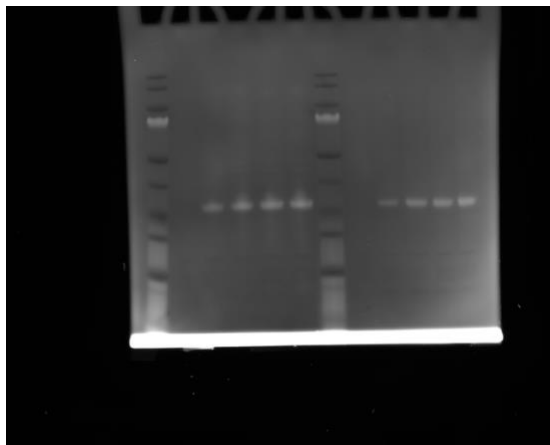
Raw His-tagged Stained Gel Pictures for Supplementary Figure 2 AaLT Growths

A. 0.1 mM IPTG flask #11



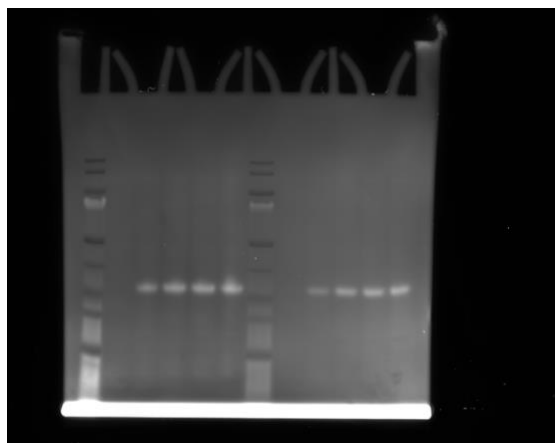
09/25/24

B. 0.1 mM IPTG + 1 mM betaine flask #3



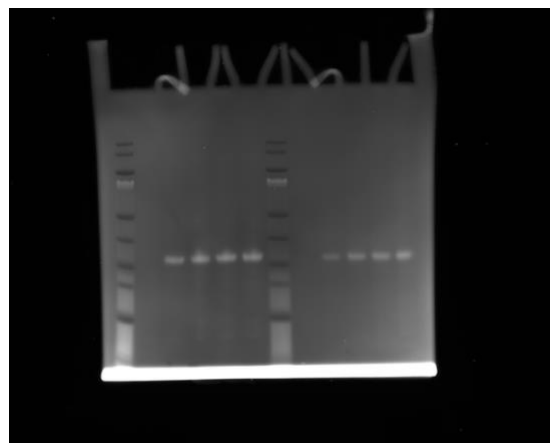
07/11/24

C. 0.05 mM IPTG flask #3



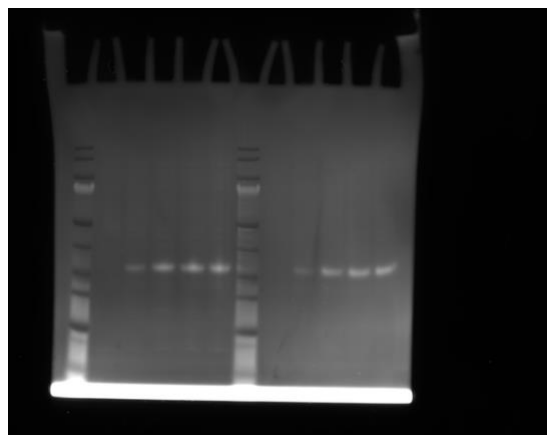
09/20/24

D. 0.05 mM IPTG + 1 mM betaine flask #17



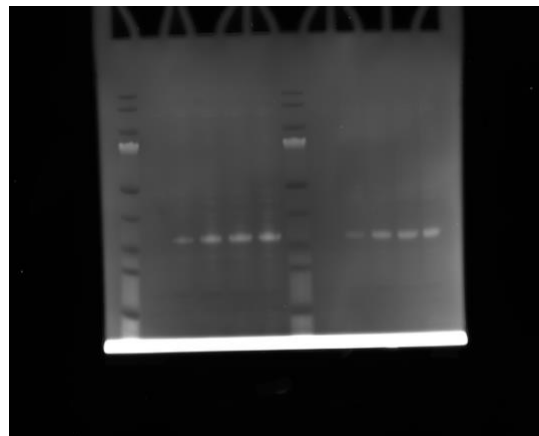
09/30/24

E. 0.025 mM IPTG flask #8



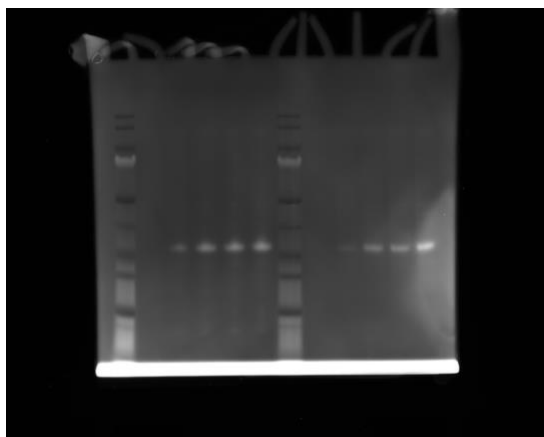
09/09/24

F. 0.025 mM IPTG + 1 mM betaine flask # 10



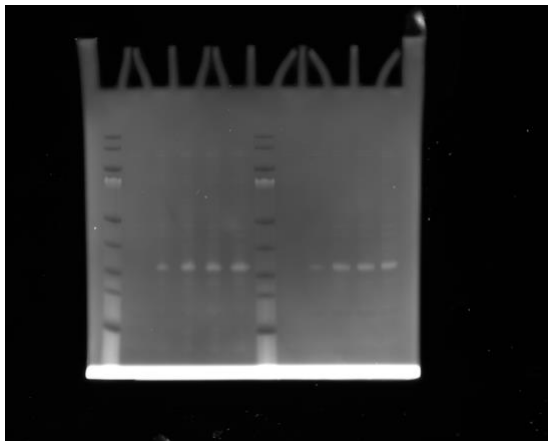
09/09/24

G. 0.0125 mM IPTG flask #3



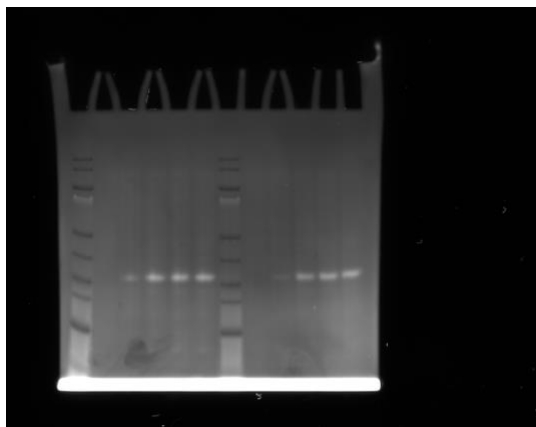
06/25/24

H. 0.0125 mM IPTG + 1 mM betaine flask #30



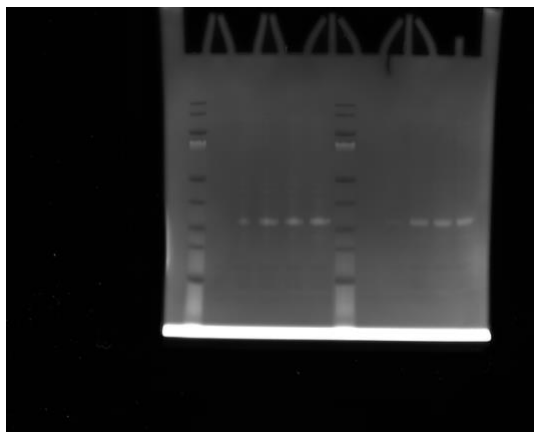
01/13/25

I. 0.00625 mM IPTG flask #1



06/24/24

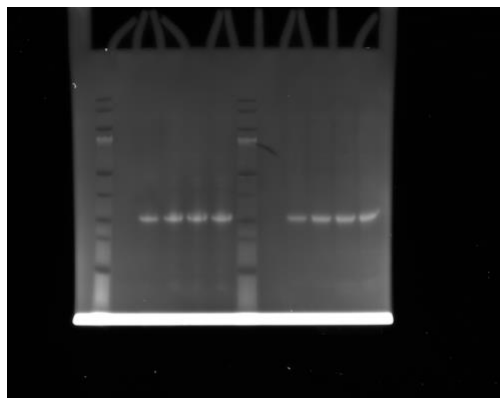
J. 0.00625 mM IPTG + 1 mM betaine flask #24



01/09/25

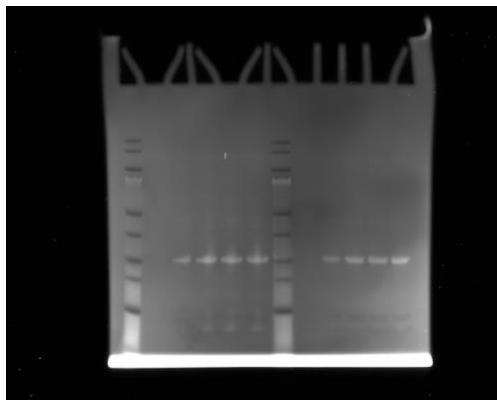
Raw His-tagged Stained Gel Pictures for Supplementary Figure 3 AaET-EK Growths

A. 0.1 mM IPTG flask #1



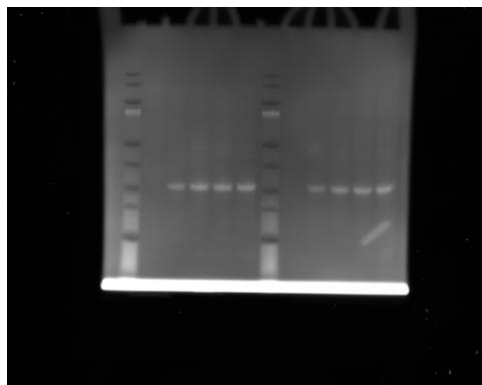
06/13/25

B. 0.1 mM IPTG + 1 mM betaine flask #11



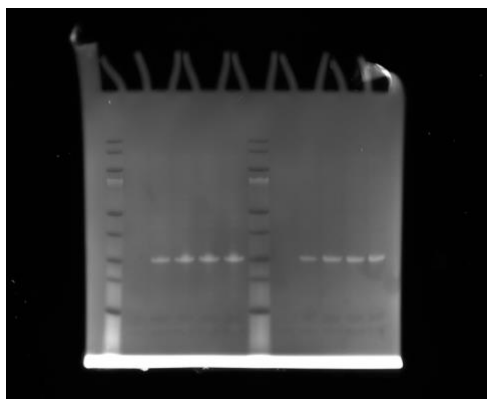
06/14/25

C. 0.05 mM IPTG flask #10



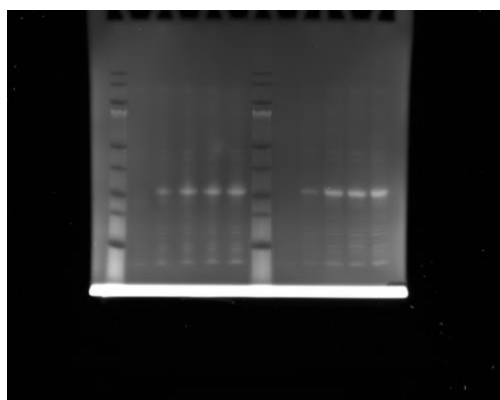
06/03/25

D. 0.05 mM IPTG + 1 mM betaine flask #29



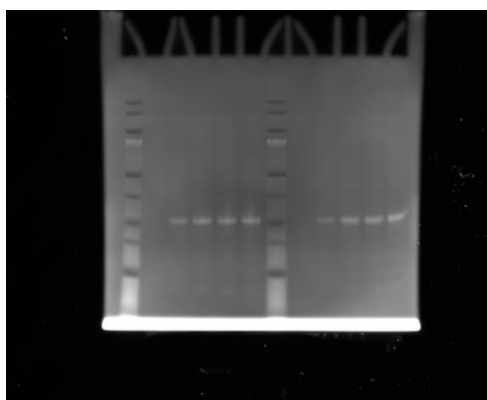
06/11/25

E. 0.025 mM IPTG flask #9



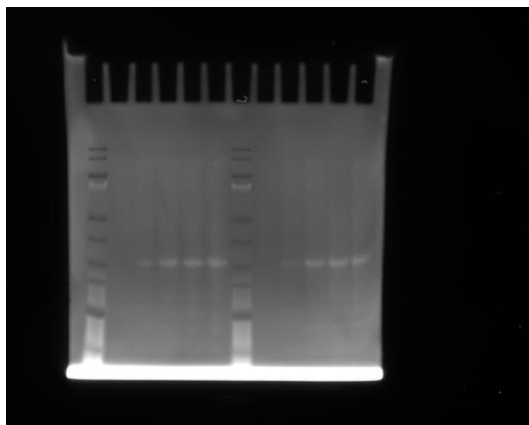
06/03/25

F. 0.025 mM IPTG + 1 mM betaine flask #28



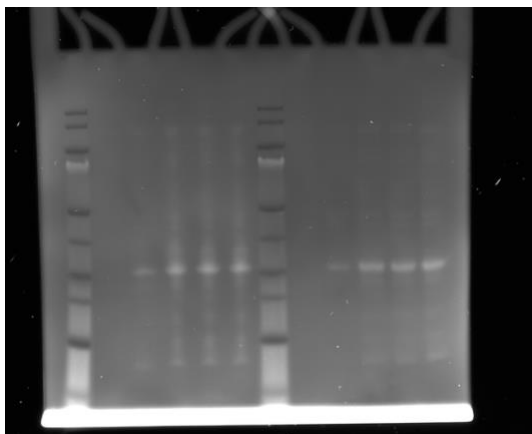
06/10/25

G. 0.0125 mM IPTG flask #14



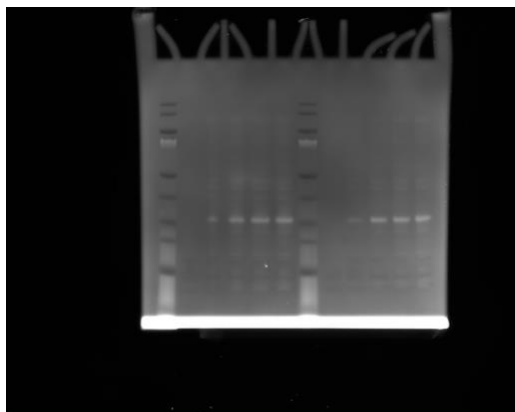
01/27/25

H. 0.0125 mM IPTG + 1 mM betaine flask #35



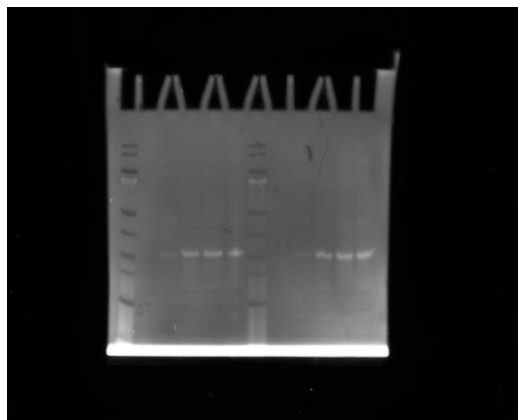
03/20/25

I. 0.00625 mM IPTG flask #9



01/21/25

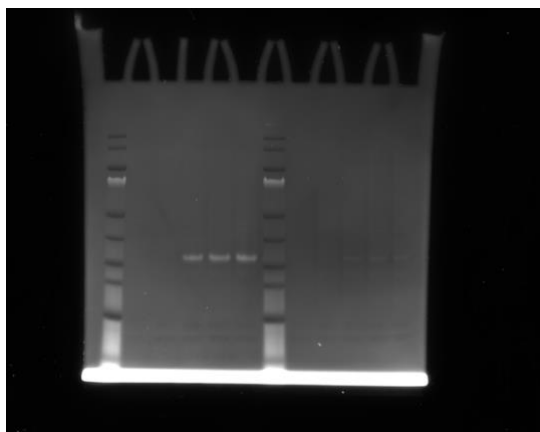
J. 0.00625 mM IPTG + 1 mM betaine flask #27



02/28/25

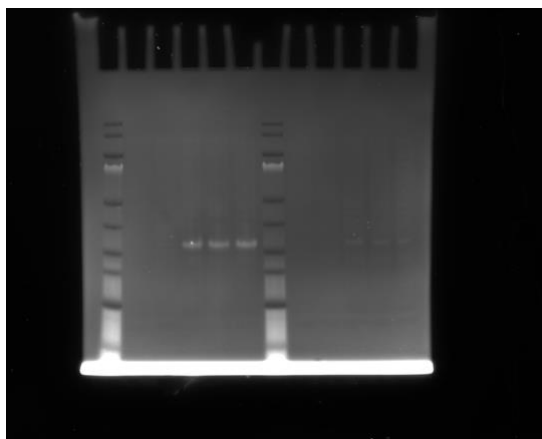
Raw His-tagged Stained Gel Pictures Used for Supplementary Figure 4

A. 0.1 mM IPTG flask #13 – AaSPV-EK



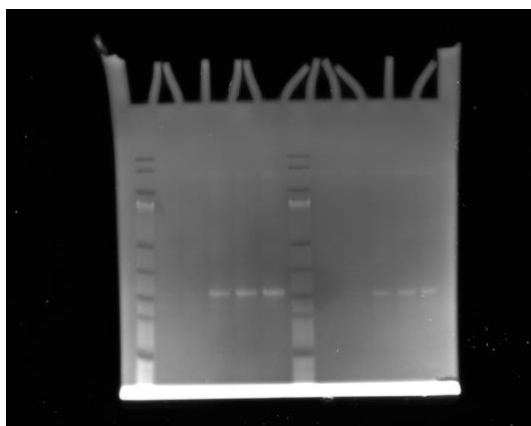
11/14/25

B. 0.1 mM IPTG + 1 mM betaine flask #14 - AaSPV-EK



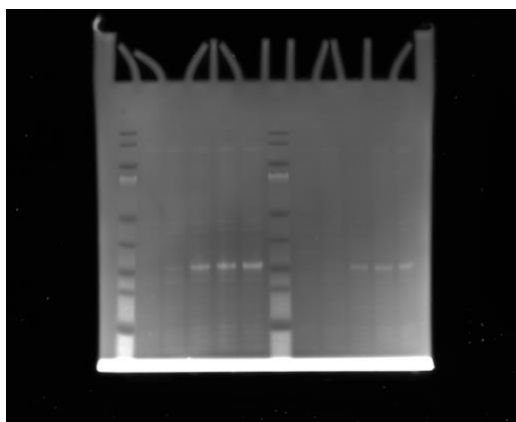
11/14/25

C. 0.1 mM IPTG flask #9 – JHA15-EK



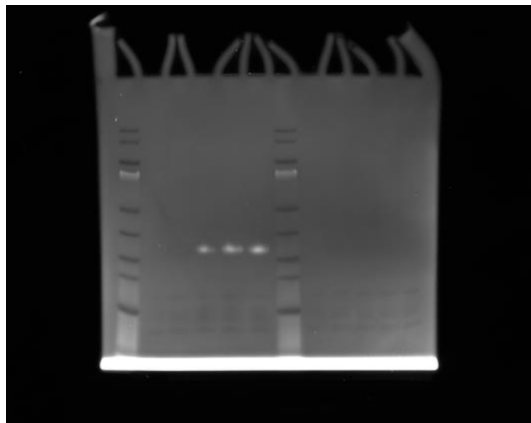
11/19/25

D. 0.1 mM IPTG + 1 mM betaine flask #10 – JHA15-EK



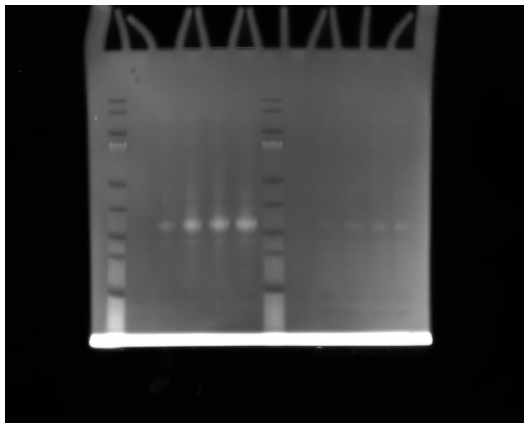
11/19/25

E. 0.1 mM IPTG flask #5 – AaSPI-NL



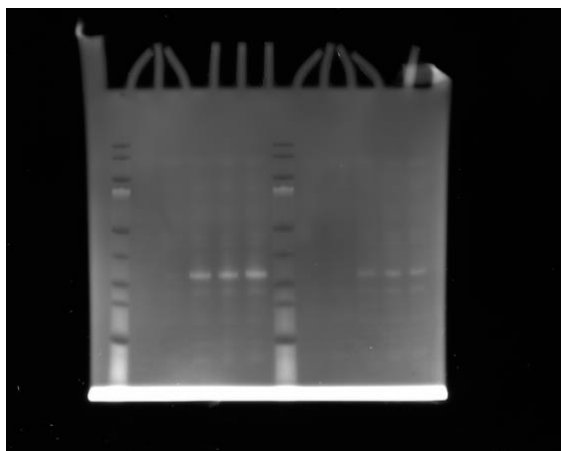
11/19/25

F. 0.1 mM IPTG + 1 mM betaine flask #6 – AaSPI-NL



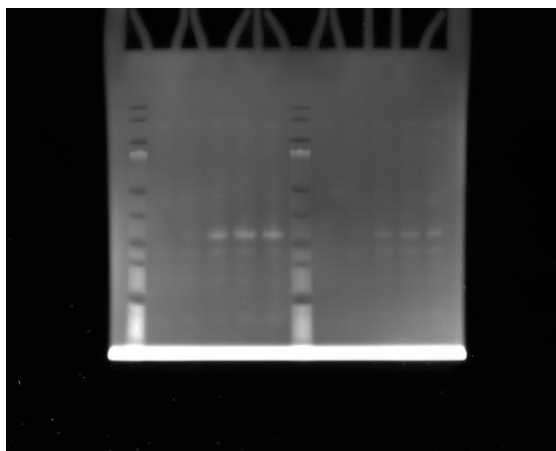
11/19/25

G. 0.05 mM IPTG flask #11 – AaSPV-EK



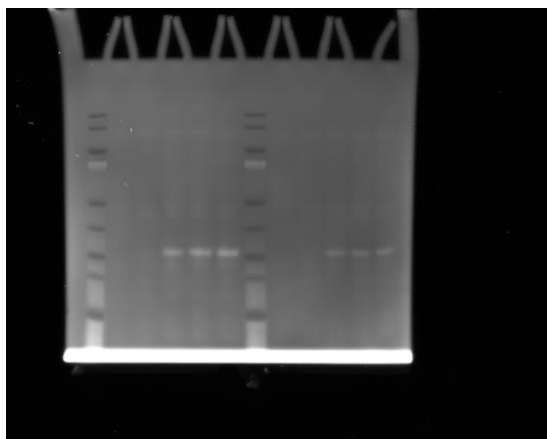
11/14/25

H. 0.05 mM IPTG + 1 mM betaine flask #35 – AaSPV-EK



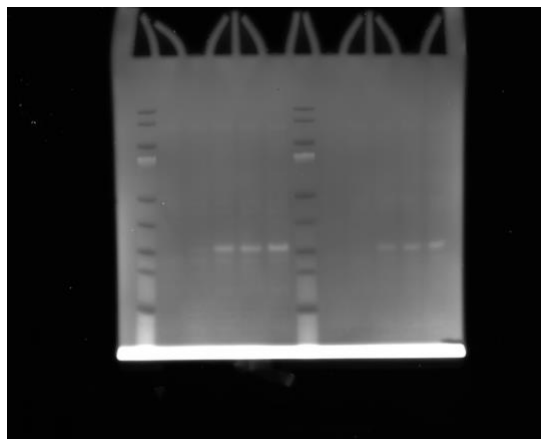
11/14/25

I. 0.05 mM IPTG flask #7 – JHA15-EK



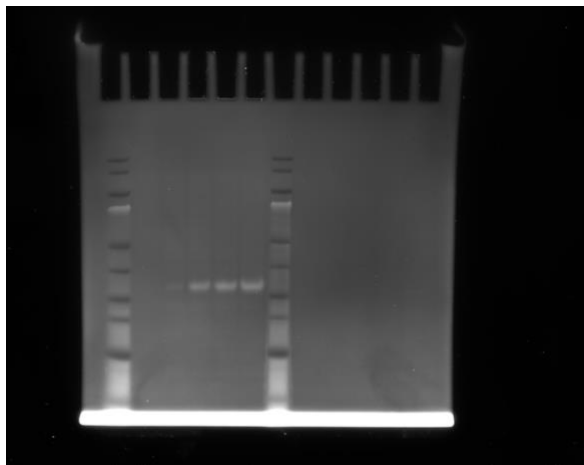
11/14/25

J. 0.05 mM IPTG + 1 mM betaine flask #8 – JHA15-EK



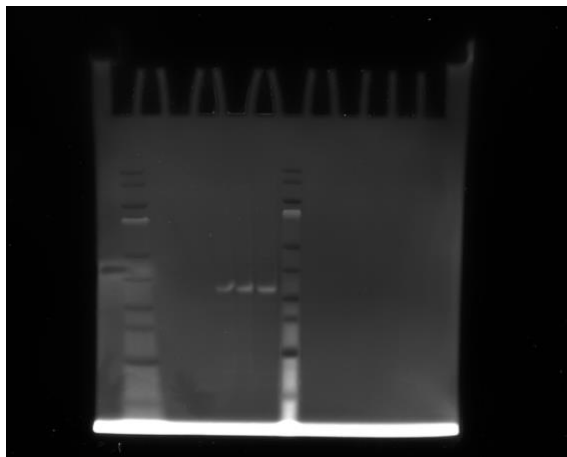
11/14/25

K. 0.05 mM IPTG flask #3 – AaSPl-NL



11/14/25

L. 0.05 mM IPTG + 1 mM betaine flask #4 – AaSPl-NL



11/14/25