**UNION
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COPAS *BIOSORT* CONTROL Protocol CB-04
Gain Settings for Different Stage *C. elegans*

Scope

This protocol documents baseline gain settings for new operators using the COPAS instrument. These settings are only guidelines for placement of organisms on the dotplot or histogram.

Procedure

Gain Settings:

Large *C. elegans:* Stages L3 to Adult

TOF MIN Chan	15
Integral Gain	80
Threshold	50
Signal gain	40
MAX Extinction	1024
MAX TOF	512

Small *C. elegans*: Stages Eggs to L2

TOF MIN Chan	10
Integral Gain	100
Threshold	50
Signal gain	80
MAX Extinction	256
MAX TOF	256

Questions?
For further information, please contact Union Biometrica, Inc. directly at 617.591.1211 or email your questions to appsupport@unionbio.com