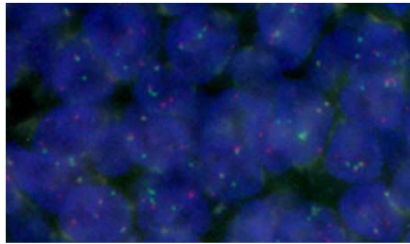


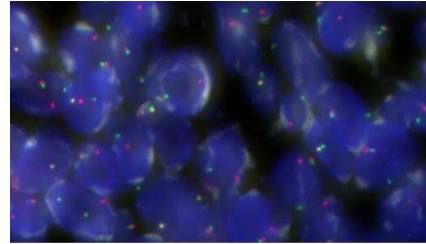
## S5A and S5B Figs

**A**

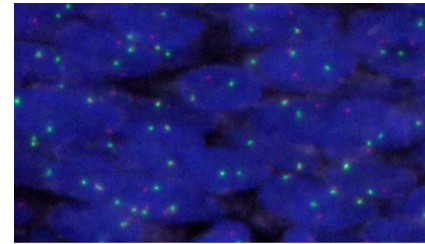
CTG-0331



CTG-0771



CTG-1169



**B**

### Observed Consensus Sequence for sample CTG-0331 (SYT-SSX2):

GGAGGAAATTCACAGTATGGCCAACAGCAAGATGCATACCAGGGACCACCTCCACAACAGGGATATCCACCCAGCAGCAGCAGTACCCAGGGCAGCAAGGTTACCCAGGACAGCAGCAGGGCTACGGTCCTTCA  
AGGGTGGTCCAGGTCCTCAGTATCCTAACTACCCACAGGGACAAGGTCAGCAGTATGGAGGATATAGACCAACACAGCCTGGACCACCACAGCCACCCAGCAGAGGCCTTATGGATATGACCAGatcatgccaagaag  
ccagcagaggaaggaaatgattcggaggaagtccagaagcatctggcccacaaaatgatgggaaagagctgtgccccgggaaaaccaactacctctgagaagattcacgagagatctggacccaaaagggggaacatgcctggaccacagactcgtgagagaaaacag  
ctggtgatttatgaagagatcagcgaccctgaggaagatgacgagtaa**CTCCCTCAGGGATACGACACATGCCATGATGAGAAGCAGAACGTGGTGACCTTTCACGAACATGGGCATGGCTGCGGACCCCTCGTCA**

### Observed Consensus Sequence for sample CTG-0771 (SYT-SSX2):

AGGAGGAAATTCACAGTATGGCCAACAGCAAGATGCATACCAGGGACCACCTCCACAACAGGGATATCCACCCAGCAGCAGCAGTACCCAGGGCAGCAAGGTTACCCAGGACAGCAGCAGGGCTACGGTCCTTCA  
CAGGGTGGTCCAGGTCCTCAGTATCCTAACTACCCACAGGGACAAGGTCAGCAGTATGGAGGATATAGACCAACACAGCCTGGACCACCACAGCCACCCAGCAGAGGCCTTATGGATATGACCAGatcatgccaagaag  
gccagcagaggaaggaaatgattcggaggaagtccagaagcatctggcccacaaaatgatgggaaagagctgtgccccgggaaaaccaactacctctgagaagattcacgagagatctggacccaaaagggggaacatgcctggaccacagactcgtgagagaaaaca  
gctggtgatttatgaagagatcagcgaccctgaggaagatgacgagtaa**CTCCCTCAGGGATACGACACATGCCATGATGAGAAGCAGAACGTGGTGACCTTTCACGAACATGGGCATGGCTGCGGACCCCTCGTCAT**

### Observed Consensus Sequence for sample CTG-1169 (SYT-SSX1):

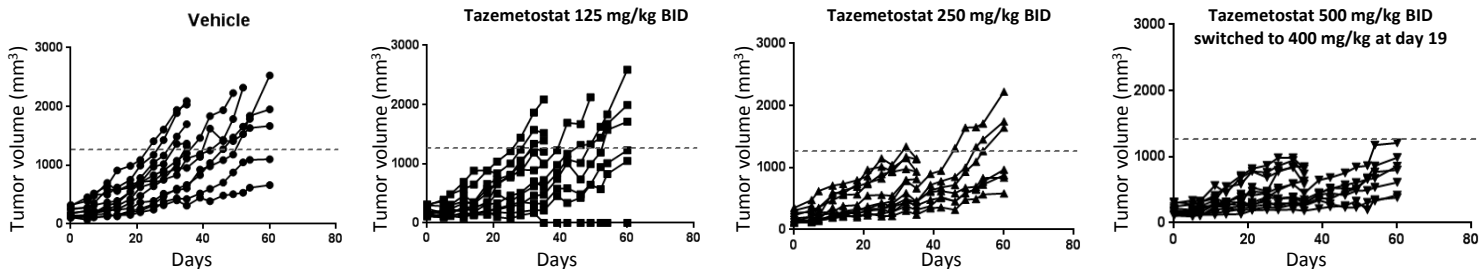
AGGAGGAAATTCACAGTATGGCCaACAGCAAGATGCATACCAGGGACCACCTCCACAACAGGGATATCCACCCAGCAGCAGCAGTACCCAGGGCAGCAAGGTTACCCAGGACAGCAGCAGGGCTACGGTCCTTCA  
CAGGGTGGTCCAGGTCCTCAGTATCCTAACTACCCACAGGGACAAGGTCAGCAGTATGGAGGATATAGACCAACACAGCCTGGACCACCACAGCCACCCAGCAGAGGCCTTATGGATATGACCAGatcatgccaagaag  
gccagcagaggacgaaaatgattcgaaggagtgatcagaagcatctggcccacaaaatgatgggaaacaactgcacccccaggaaaagcaaatatttctgagaagattaataagagatctggacccaaaagggggaacatgcctggaccacagactcgtgagagaaaagca  
gctggtgatttatgaagagatcagcgaccctgaggaagatgacgagtaa**CTCCCTGGGGGATACGACACATGCCCTTGATGAGAAGCAGAACGTGGTGACCTTTCACGAACATGGGCATGGCTGCGGCTCCCTCGTCA**

### Notes:

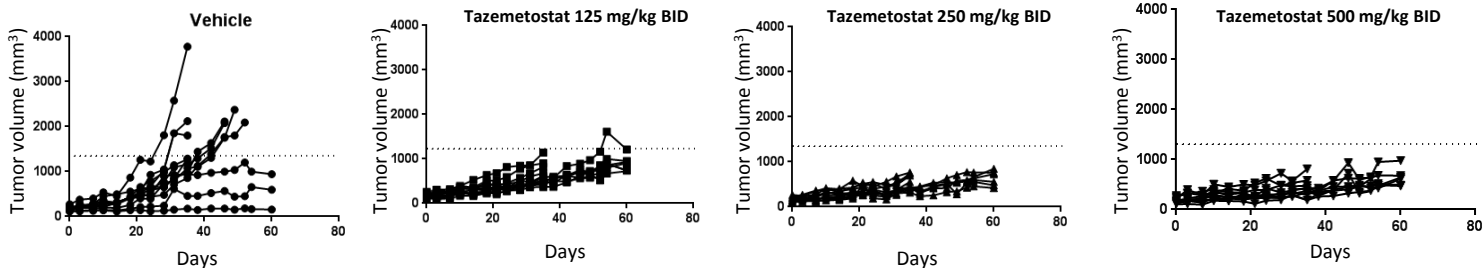
- In UPPER CASE is shown SYT sequence
- In lower case is shown SSX1/2 sequence as indicated
- In **BOLD UPPER** case SSX1/2 consensus 3' UTR as indicated
- In highlighted **PURPLE** is shown stop codon TAA
- SSX1 Polymorphism highlighted in **BLUE**

C

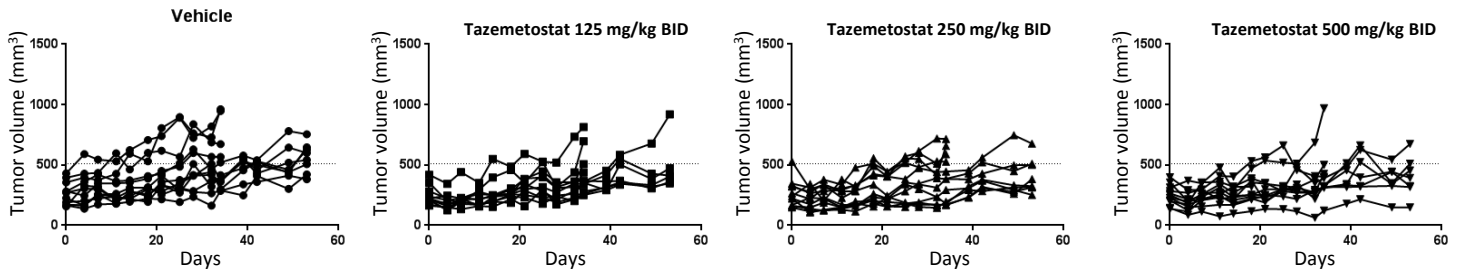
CTG-0331



CTG-0771

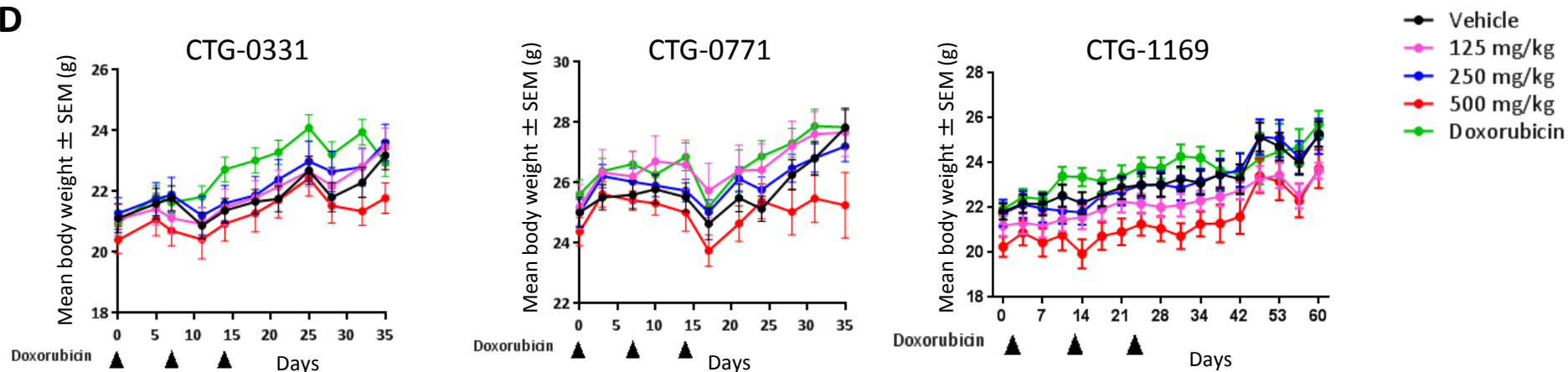


CTG-1169

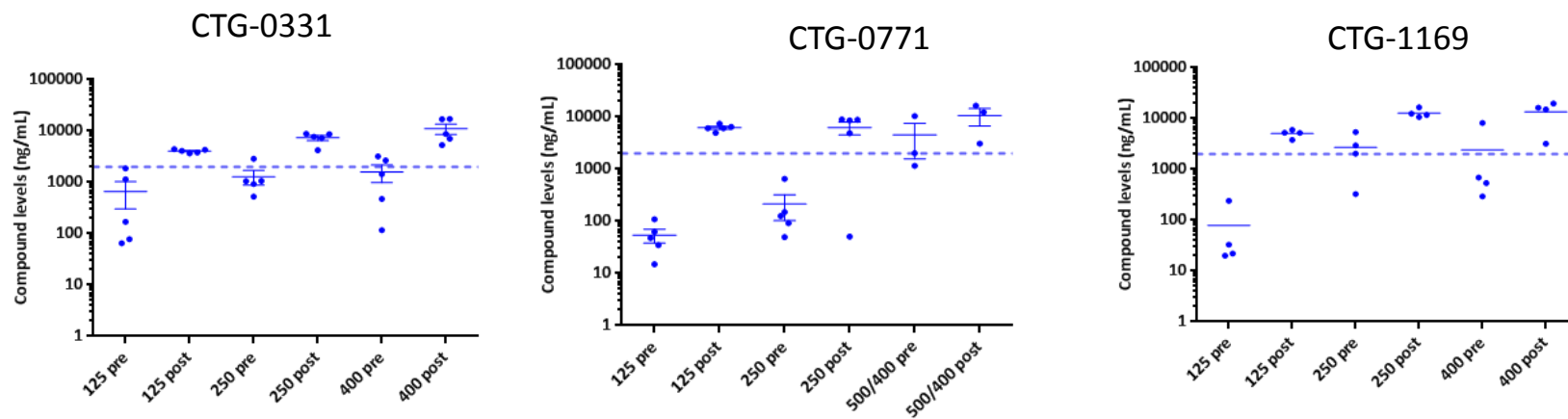


# S5D-S5F Figs

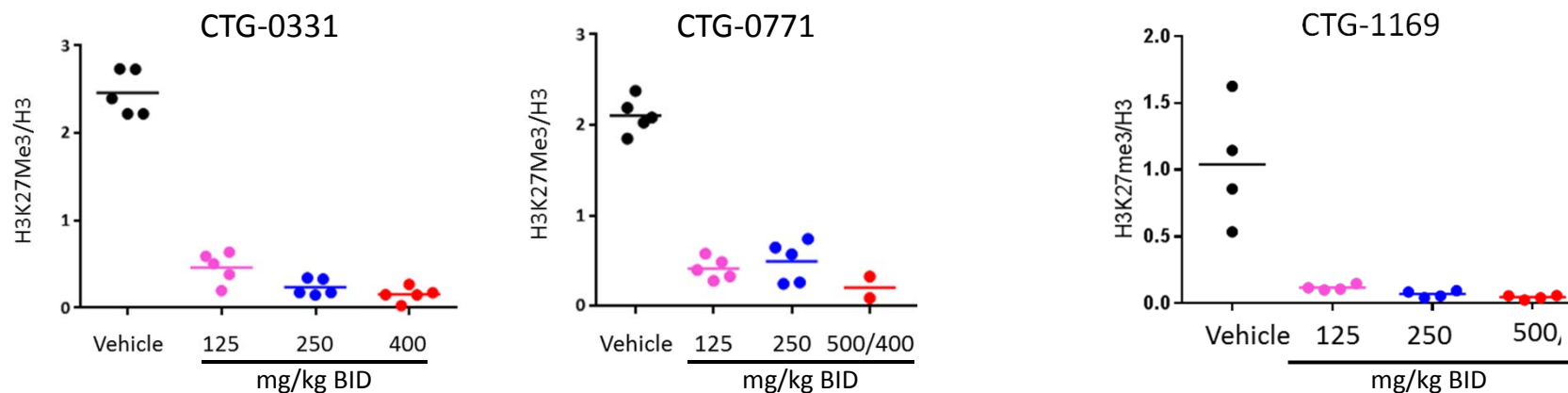
**D**



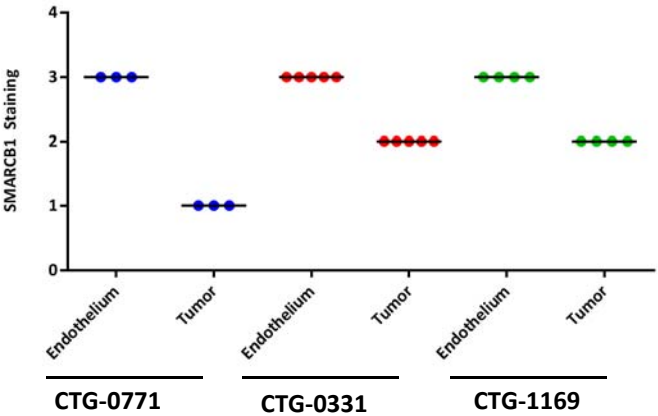
**E**



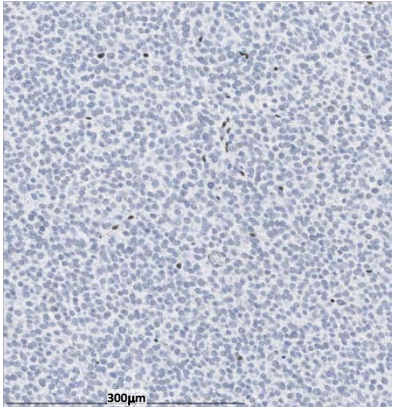
**F**



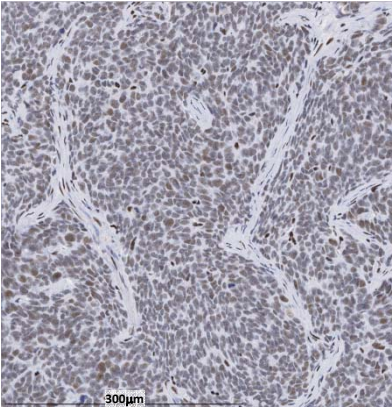
G



CTG-0771



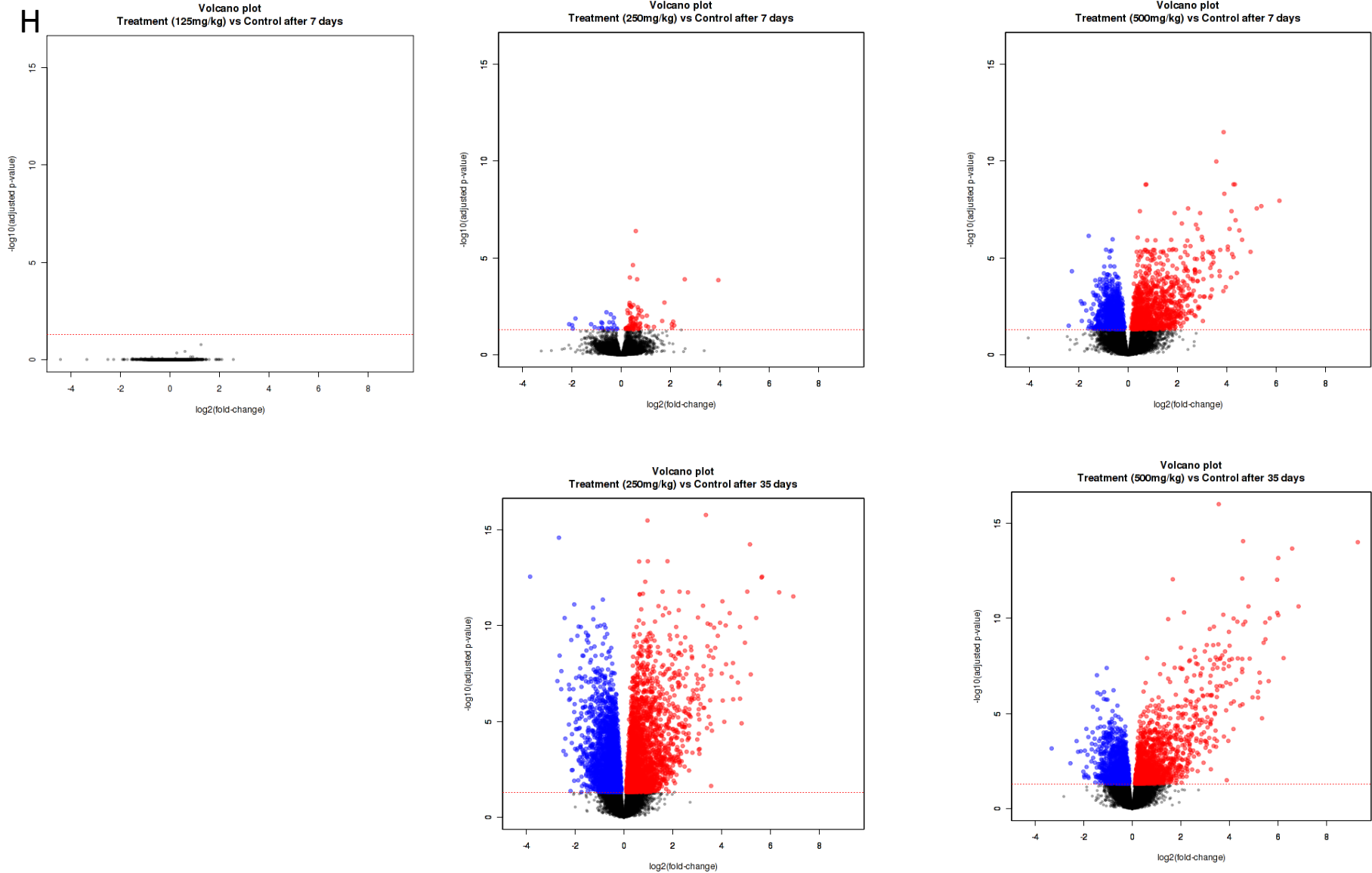
CTG-0331



CTG-1169

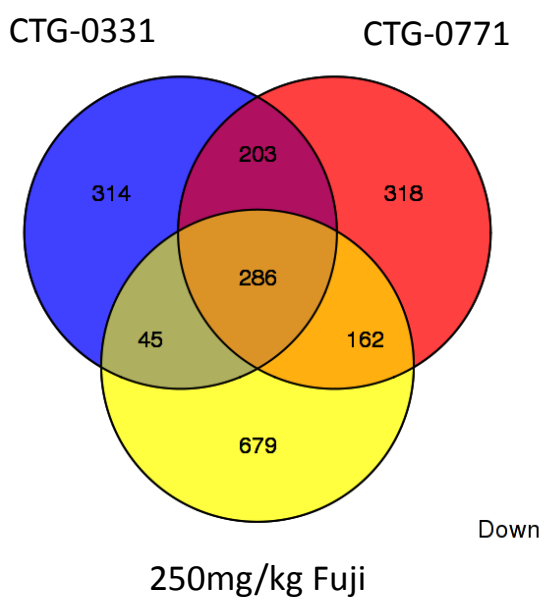
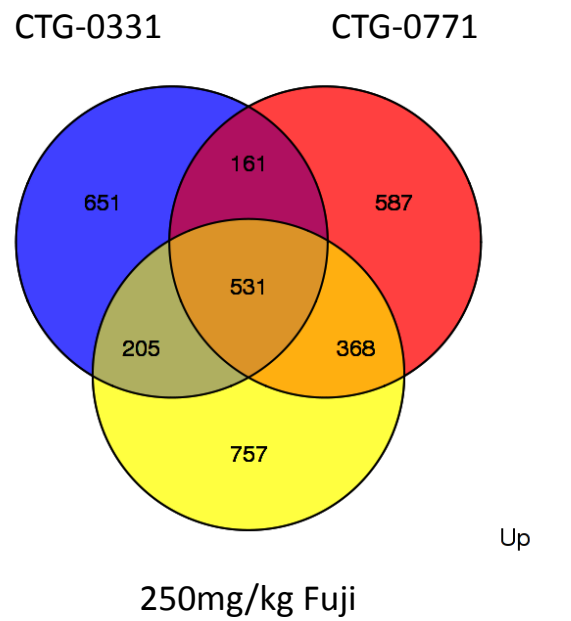
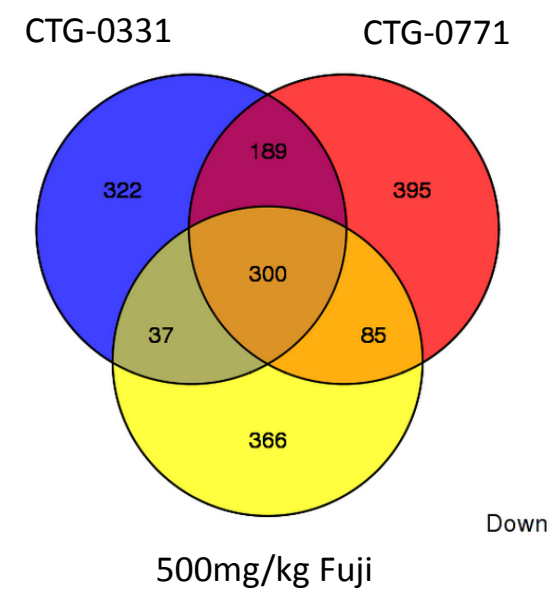
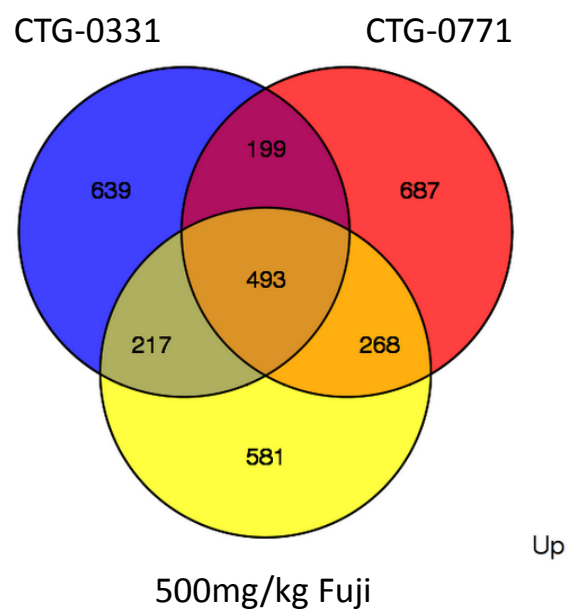


S5H Fig



S5I Fig

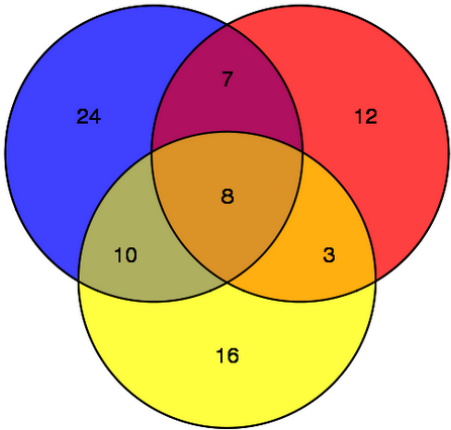
I



S5J Fig

J

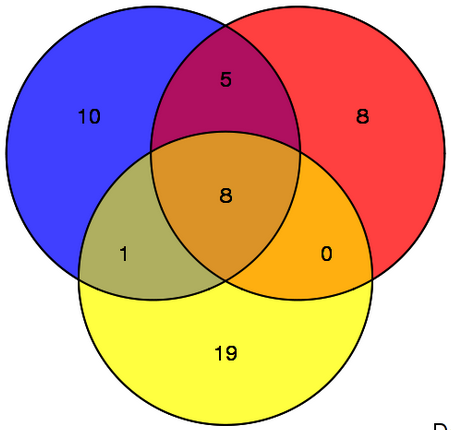
CTG-0331 CTG-0771



Up

500mg/kg Fuji

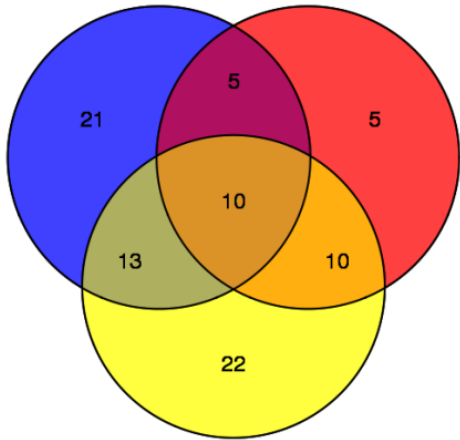
CTG-0331 CTG-0771



Down

500mg/kg Fuji

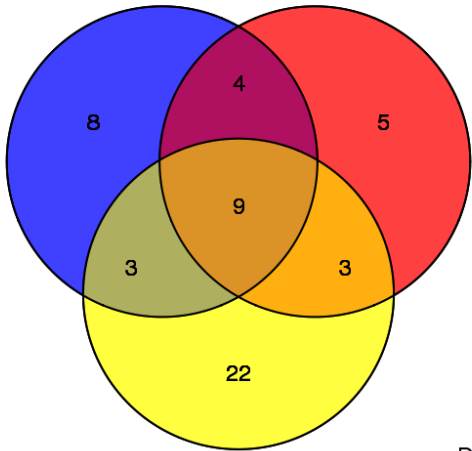
CTG-0331 CTG-0771



Up

250mg/kg Fuji

CTG-0331 CTG-0771



Down

250mg/kg Fuji