Chromatin immunoprecipitation (ChIP) BIOL 426/626 Approaches to Molecular Biology Please sit in your groups!

In class writing

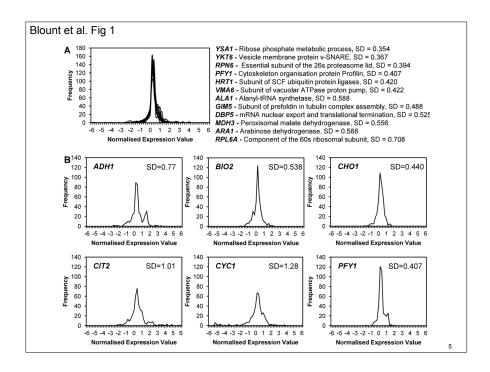


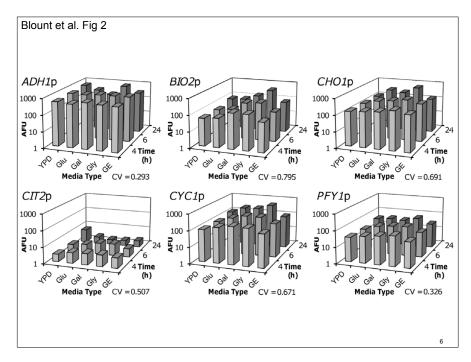
 The paper by Blount et al. discusses an area of biology called "synthetic biology". From what you have read in this paper, what would you describe as the goal of synthetic biology? What specific synthetic biology goals did the authors of this paper have and what general results were they able to achieve? (No specific experimental details required!)

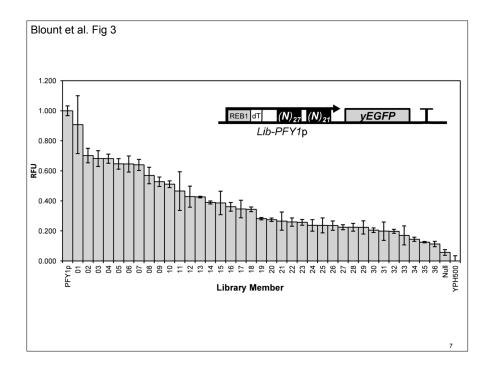
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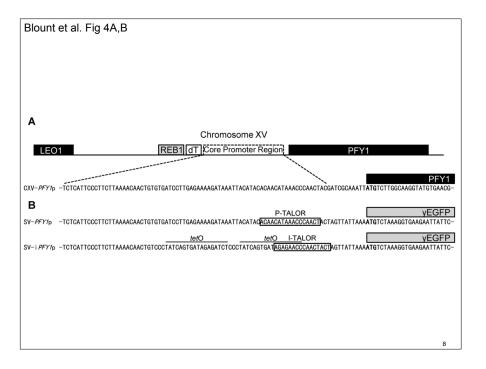
Groups **BIOL 626** Group 3 Group 2 Dong, Xinmei Long, Ramses Group 1 Chowdhary, George, Alex Lamont Pardoe, Jordan Prableen Kaur Harkless, Lee H Darira, Shradha Puglisi, Kayla Marie Kang, Lois Dickie, Ryan A Ruzbarsky, Lilly, Anna Doffermyre, James Susannah Wunderlin, Grant L **BIOL 426** Group 6 Khalid, Asif Group 4 Andrews, Emily C Korzeniwsky, Katia Glueck Baskerville, Victoria Muntaka, Fahrina Bowers, Tabitha • Ospina Cardona, Daniela • Chan, Benjamin Purohit, Raj U Chan, Pooja R Group 7 Somoza, Katherine AzucenaTajap, Basmark Group 5 Dent, Dominic Marcellus Xie, Claudia L Egoshi, Riki • Garcia, Eric Joshua Zaelke, Cody De Perrot Goralski, Stephen M Zimmer, Melody Inen, Jeffrey Jones, Brendan Thomas











3	С			
		Spel VEGFP	Output	
		-TCTCNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	(RFU)	SD
	<i>PFY1</i> p. 01	TGTTAATAAGACTATTAAACACACAGTAGCCCCCCTATAAACAACCCG	0. 908	
	<i>PFY1</i> p. 02	ATGAAGTATGTGTTATTTATATGAAAGACTTAGTCCCGAACACGACAC	0. 702	
		CTACATGTGTTGCGTTGTCCTGGGATTATCCACTGCCCCTCTTCCAAT		
		TCCTTCTCGTCGGTTATAACGGGAGGACTACCCCAAAGCACGCACTAC		
		CGTACTTGAAACCTGATAGGACCTTCGCCCCGACCCACCTCTCCAACG		
	<i>PFY1</i> p. 06	TGGTTTATTTTCCCATTAGTATGTACTCGCAATCTTTGCATGCCGTCA	0. 646	
	<i>PFY1</i> p. 07	GTTAAAGGCTGTTACAGTTATCTCGAGTATTCAAAGGCCAACCGGCGC	0. 640	
		AGATTACTGCATTCCGAGTATGATTCTAATGTCTCCTAATAAACTGCA		
	<i>PFY1</i> p. 09	CGTAGATTCCCTTTCGAAGTGGTTGGCTCACAAACCCACCAGTAGACT	0. 528	
	<i>PFY1</i> p. 10	ACTTCCTTGTAACCATTCGCCGTGGGTGCCCCCTACAGATTCTCCTTC	0. 511	
	<i>PFY1</i> p. 11	CATATACTAACAGAGCGATCTACAGATTGACCTGCCTGGATTGCTTGC	0.466	
	<i>PFY1</i> p. 12	TGTTGATTGGGTACGCATTGAGTTGGGATACAGAGACTCGATTCACCC	0. 428	
		CCGTATCGTTGATATTGAATTGGTGTTACGCTTAGTGCTTCGCACCTG		
		ACGAATAGTGTTCGTGATTTTGTTGGCTCAGACTCACTGGTCGTCTCG		
	<i>PFY1</i> p. 15	GGGGGATTGTTTTCTGAGATATCGGGTTTACTCCAACGAACTTTGAGC	0. 386	
	<i>PFY1</i> p. 16	GTAGTTGTGTTTCGATGGGGACGGTGCCCTGCCAGACCGCGTAACTCC	0. 361	
		GACGAACAAATGAGCATAAATAAAAAGCCGCGCCTACCCTCGTTAGTA		0.05
		ATCTTTGGCTGGTAGTTAGGTGTTTGCCTCGGTTGCTGCCGTACTGAC		0.01
	<i>PFY1</i> p. 19	CGCTAGTTAGTGGAGTAGTCTTACGGA	0. 282	0.00
	<i>PFY1</i> p. 20	GGACATTGTTTTTACTCCGTATTTGTATAGGCTCCACAGACTGAGGCG	0. 275	0.01
		TAAAGTCATTAGCAGGGATAAGCGGCCTTGAGAAAAGATACATCTAAG		0.06
		GTTTATAATCGTTCGGTACCGTGTGCACCGCCACCGCCCCTGCTGAG		0.02
	<i>PFY1</i> p. 23	CATTATAGATTCCGATTAACGTGAGCGAACCCCGTCAGCACGATTCCC	0. 257	0.01
	<i>PFY1</i> p. 24	ACAATAGACATTACCTGCAAAGGTCTTCGAGGACCTCCACACGTTTCC	0. 237	0.03
		ATTATTACATGACGTCTTGGCAGATGACCAGCCTATTAGGATACGCAT		0.05
		AAGCACTTGTAGGTTGCCATTTAGGGTAATACATTCGGAAGCTTGCAC		0.03
	<i>PFY1</i> p. 27	CAAAGTCTCTGCTGCTGCTTGTTAGTAGACCCGCTCGCCCTCTAGCCAAG	0. 225	0.01
	<i>PFY1</i> p. 28	CTATGGTCTAGACGCTTAAGAACCCGAACGATTGCAGGGCCGCGCCA	0. 224	0.02
	<i>PFY1</i> p. 29	TGAGTTAGCGCTCAGTTGTGTGTGTGTTCACGGGTAAGCTGCTCTAAG	0. 224	0.04
		TGTATGGGCTACTATTCGGCCAATTTAGCAAACGAACTACCCCCATGA		0.01
	<i>PFY1</i> p. 31	ATTTTCGCACCACTTTAATGTGCAATTGACGCTCCGGCCCACCAGGTT	0.199	0.06
	<i>PFY1</i> p. 32	TGCTAGGTCATCAATTGTGCTGCCCACACAGAACGCGTACCGATAACG	0. 198	0.01
	<i>PFY1</i> p. 33	GCTGGTGCGTTTTACGGTTTTTGCGTAAATGTGTGTTAATTTCCTTCC	0.171	0.06
		TGACTTGGGGGTGCGGATGGGGGGCGCAATACATTCGGAAGCTTGCCC		0.01
	<i>PFY1</i> p. 35	TCGGCCGAGGGTTTTCATGGGTGTCATAAAATAAAAGCATAGTCCTAT	0.125	0.00
	<i>PFY1</i> p. 36	TGGTCATCTAGTGTGGCAGGGCTGCTGTTGAGCATCAAATGGCGGGCA	0.113	
	PFY1p. nul	ITGACTTGAGGGTGCGGATGCGTGGCGCATACATTCGGAAGCTTGCAC	0.057	0.01

