

LAMP-sequencing primers

Name	Sequence (5'-to-3' orientation)
Tn5hY-Rd2-Wat-SC3	[Phos]CTGTCTCTTATACACATCT[SpC3]
P5-UMI-xi5001-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGGAAGAGCTTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5002-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCTGATCTAGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5003-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTATCGCCGTTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5004-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCTTGAGAGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5005-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTGCGAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5006-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTGGCATTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5007-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCCGTTACGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5008-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCCATGCGGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5009-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTGACACTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5010-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTGCTCAGATTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5011-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGCTCTGGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5012-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGCCAATAGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5013-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGAGTTGTGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5014-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTATGTGCCGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5015-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTACACGGAGTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5016-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCCGGTGATAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5017-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCGCATTGAAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5018-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCAACGCTTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5019-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCAAGACCGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5020-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTGCCTTAGCTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5021-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGACACAGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5022-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGACAGGATTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5023-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTAGCTAGGCGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5024-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTAGCGGTTCTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5025-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTAGAAGGACAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5026-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCCGCATATTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5027-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCCGAGAACAAATTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5028-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCATCGTTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5029-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTGACAGTGTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5030-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGGACCTATTGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5031-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNACCAGATTCAAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5032-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAGCGTTTACAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5033-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAACGCAACGGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5034-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGCAGACGCAATTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5035-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCATGACACTTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5036-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCGTAACAGGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5037-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGCCTGTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5038-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCACGATTGGAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5039-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNACGCCTAAGGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5040-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAATCCACGGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5041-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCTGTAGGAGTTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5042-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCTCTATAGGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5043-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGTACTAGTGTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5044-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCACACAATGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5045-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTACGCTGTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5046-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGAGCACTTGTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5047-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTGATCGCTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5048-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCCATGAGATGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5049-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNATTGACCGTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5050-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTAGCGTCACTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5051-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCAATGGCCTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5052-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTACACAGTGTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5053-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGCTGTGAATGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5054-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGACCTGTTCTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5055-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGCTTACTAAGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5056-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCTATGACTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5057-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGGTAGCAGTATTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5058-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCTGATGTTCTGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5059-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTAGAGACCGTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5060-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTTCGAGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5061-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCCATTCTGGAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5062-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGGCTATTGCGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5063-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTGACAGGTCGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5064-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCGTCCTAGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5065-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGACTTACGTGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG

P5-UMI-xi5066-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGTCAGTGGTTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5067-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNNATACAACACGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5068-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCGTTGAACGGTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5069-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCCTTAAGCGTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5070-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCTCTGAGATGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5071-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGTAAGGTTGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5072-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCGCGATAACAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5073-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCTTCTGCGATTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5074-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCGGTGTATGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5075-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCGTATCCATGATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5076-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAGAGCTACCAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5077-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGCGCTCTTAATTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5078-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTGTCTACCAAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5079-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCATTGCACGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5080-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTAAGCTCGAGTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5081-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAGAGTCTATGTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5082-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTTCTGGTCTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5083-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGTTTCATCGGTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5084-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNACTCGTTCGAGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5085-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCCGGCTTATATTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5086-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCGCACTGAGTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5087-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCGAGTGTGTATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5088-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGTCCAAGACAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5089-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNATTGGCGACAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5090-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTGCTGCTATTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5091-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNAACATTCTGCTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5092-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNGGCGCATCAATTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5093-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNCTGGCAGCATTTCTGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5094-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCCAGTGTGTGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5095-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNATTCCGAATGGTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5-UMI-xi5096-ME.fw	CGGCGACCACCGAGATCTACACNNNNNNNNNTCGGTGCTTAATCGTCGGCAGCGTCAGATGTGTATAAGAGACAG
P5.fw	AATGATACGGCGACCACCGAGATC
P7nxt-GeneN-A-LBrc	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGTGATTCAAGGCTCCCTCAGT
P7-xi7001	CAAGCAGAAGACGGCATAACGAGATGGAAGAGCTTGGTCTCGTGGGCTCGGAG
P7-xi7002	CAAGCAGAAGACGGCATAACGAGATTCTGATCTAGGGTCTCGTGGGCTCGGAG
P7-xi7003	CAAGCAGAAGACGGCATAACGAGATTATCGCGTTAGTCTCGTGGGCTCGGAG
P7-xi7004	CAAGCAGAAGACGGCATAACGAGATTCTTGAGAGGTCTCGTGGGCTCGGAG
P7-xi7005	CAAGCAGAAGACGGCATAACGAGATTCTGTGCGAAGTCTCGTGGGCTCGGAG
P7-xi7006	CAAGCAGAAGACGGCATAACGAGATTTCCTGGCATTGTCTCGTGGGCTCGGAG
P7-xi7007	CAAGCAGAAGACGGCATAACGAGATTTCGTTACGTGTCTCGTGGGCTCGGAG
P7-xi7008	CAAGCAGAAGACGGCATAACGAGATTTCATGCGGAGTCTCGTGGGCTCGGAG
P7-xi7009	CAAGCAGAAGACGGCATAACGAGATTTCGTACACTGGTCTCGTGGGCTCGGAG
P7-xi7010	CAAGCAGAAGACGGCATAACGAGATTTCGCTCAGATGTCTCGTGGGCTCGGAG
P7-xi7011	CAAGCAGAAGACGGCATAACGAGATTGTCTCTGGAGTCTCGTGGGCTCGGAG
P7-xi7012	CAAGCAGAAGACGGCATAACGAGATTGCCAATAGGGTCTCGTGGGCTCGGAG
P7-xi7013	CAAGCAGAAGACGGCATAACGAGATTGAGTTGTGGGTCTCGTGGGCTCGGAG
P7-xi7014	CAAGCAGAAGACGGCATAACGAGATTATGTGCCGGGTCTCGTGGGCTCGGAG
P7-xi7015	CAAGCAGAAGACGGCATAACGAGATTACACGGAGTGTCTCGTGGGCTCGGAG
P7-xi7016	CAAGCAGAAGACGGCATAACGAGATTCCGGTGATAAGTCTCGTGGGCTCGGAG
P7-xi7017	CAAGCAGAAGACGGCATAACGAGATTGCGATTGAAGGTCTCGTGGGCTCGGAG
P7-xi7018	CAAGCAGAAGACGGCATAACGAGATTCAACGTCTTGGTCTCGTGGGCTCGGAG
P7-xi7019	CAAGCAGAAGACGGCATAACGAGATTCAAGACCGAGGTCTCGTGGGCTCGGAG
P7-xi7020	CAAGCAGAAGACGGCATAACGAGATTGCCTTAGCTAGTCTCGTGGGCTCGGAG

N=[GATC], [Phos]=phosphorylation, [SpC3]=C3 spacer group