



*LYN (NM\_002350.4) - cDNA + Protein - 2024-12-21*

AGTTCCTCTC CCGCCGCGCC GGGCCGCGCT GCCGCTCGCT CCCC GGCCGT -225  
GGCGCCTCCG GGCCAGACGC GCTGCAGCCT CCAGCCCGCG GCAAGCGGGG -175  
CGGCCGCGCC ACCCCCGGCC CCGCGCCAGC AGCCCCTCGC CGCGCGTCCA -125  
GCGTTCCCGG CCAGCAGCCT CCCCATACGC AGGTCCTGCT GGGCCGCCCC -75  
GTCGCGCCCC CCACTCTGAA CTCAAGTCAC CGTGGAGCTC CGCCGCCCCG -25  
AAACTTTCAC CGCGAGCGGG AAATATGGGA TGTATAAAAT CAAAAGGGAA 26  
MetGly CysIleLysS erLysGlyLy 9

AGACAGCTTG AGTGACGATG GAGTAGATTT GAAGACTCAA CCAGTACGTA 76  
sAspSerLeu SerAspAspG lyValAspLe uLysThrGln ProValArgA 26

ATACTGAAAG AACTATTTAT GTGAGAGATC CAACGTCCAA TAAACAGCAA 126  
snThrGluAr gThrIleTyr ValArgAspP roThrSerAs nLysGlnGln 42

AGGCCAGTTC CAGAATCTCA GCTTTTACCT GGACAGAGGT TTCAA ACTAA 176  
ArgProValP roGluSerGl nLeuLeuPro GlyGlnArgP heGlnThrLy 59

AGATCCAGAG GAACAAGGAG ACATTGTGGT AGCCTTGTAC CCCTATGATG 226  
sAspProGlu GluGlnGlyA spIleValVa lAlaLeuTyr ProTyrAspG 76

GCATCCACCC GGACGACTTG TCTTTCAAGA AAGGAGAGAA GATGAAAGTC 276  
lyIleHisPr oAspAspLeu SerPheLysL ysGlyGluLy sMetLysVal 92

CTGGAGGAGC ATGGAGAATG GTGGAAAGCA AAGTCCCTTT TAACAAAAAA 326  
LeuGluGluH isGlyGluTr pTrpLysAla LysSerLeuL euThrLysLy 109

AGAAGGCTTC ATCCCCAGCA ACTATGTGGC CAAACTCAAC ACCTTAGAAA 376  
sGluGlyPhe IleProSerA snTyrValAl aLysLeuAsn ThrLeuGluT 126

CAGAAGAGTG GTTTTTCAAG GATATAACCA GGAAGGACGC AGAAAGGCAG 426  
hrGluGluTr pPhePheLys AspIleThrA rgLysAspAl aGluArgGln 142

CTTTTGGCAC CAGGAAATAG CGCTGGAGCT TTCCTTATTA GAGAAAGTGA 476  
LeuLeuAlaP roGlyAsnSe rAlaGlyAla PheLeuIleA rgGluSerGl 159

AACATTAAAA GGAAGCTTCT CTCTGTCTGT CAGAGACTTT GACCCTGTGC 526  
uThrLeuLys GlySerPheS erLeuSerVa lArgAspPhe AspProValH 176

ATGGTGATGT TATTAAGCAC TACAAAATTA GAAGTCTGGA TAATGGGGGC 576  
isGlyAspVa lIleLysHis TyrLysIleA rgSerLeuAs pAsnGlyGly 192

TATTACATCT CTCCACGAAT CACTTTTCCC TGTATCAGCG ACATGATTAA 626  
TyrTyrIleS erProArgIl eThrPhePro CysIleSerA spMetIleLy 209

ACATTACCAA AAGCAGGCAG ATGGCTTG TG CAGAAGATTG GAGAAGGCTT 676  
sHisTyrGln LysGlnAlaA spGlyLeuCy sArgArgLeu GluLysAlaC 226

GTATTAGTCC CAAGCCACAG AAGCCATGGG ATAAAGATGC CTGGGAGATC 726  
ysIleSerPr oLysProGln LysProTrpA spLysAspAl aTrpGluIle 242

CCCCGGGAGT CCATCAAGTT GGTGAAAAGG CTTGGCGCTG GGCAGTTTGG 776  
ProArgGluS erIleLysLe uValLysArg LeuGlyAlaG lyGlnPheGl 259

GGAAGTCTGG ATGGGTTACT ATAACAACAG TACCAAGGTG GCTGTGAAAA 826  
yGluValTrp MetGlyTyrT yrAsnAsnSe rThrLysVal AlaValLysT 276

CCCTGAAGCC AGGAACATAG TCTGTGCAAG CCTTCCTGGA AGAAGCCAAC 876  
hrLeuLysPr oGlyThrMet SerValGlnA laPheLeuGl uGluAlaAsn 292

CTCATGAAGA CCCTGCAGCA TGACAAGCTC GTGAGGCTCT ACGCTGTGGT 926  
LeuMetLysT hrLeuGlnHi sAspLysLeu ValArgLeuT yrAlaValVa 309

CACCAGGGAG GAGCCCATT ACATCATCAC CGAGTACATG GCCAAGGGCA 976  
lThrArgGlu GluProIleT yrIleIleTh rGluTyrMet AlaLysGlyS 326

GTTTGCTGGA TTTCCCTGAAG AGCGATGAAG GTGGCAAAGT GCTGCTTCCA 1026  
erLeuLeuAs pPheLeuLys SerAspGluG lyGlyLysVa lLeuLeuPro 342

AAGCTCATTG ACTTTTCTGC TCAGATTGCA GAGGGAATGG CATACATCGA 1076  
LysLeuIleA spPheSerAl aGlnIleAla GluGlyMetA laTyrIleGl 359

GCGGAAGAAC TACATTCACC GGGACCTGCG AGCAGCTAAT GTTCTGGTCT 1126  
uArgLysAsn TyrIleHisA rgAspLeuAr gAlaAlaAsn ValLeuValS 376

CCGAGTCACT CATGTGCAA ATTGCAGATT TTGGCCTTGC TAGAGTAATT 1176  
erGluSerLe uMetCysLys IleAlaAspP heGlyLeuAl aArgValIle 392

GAAGATAATG AGTACACAGC AAGGGAAGGT GCTAAGTTCC CTATTAAGTG 1226

GluAspAsnG luTyrThrAl aArgGluGly AlaLysPheP roIleLysTr 409

GACGGCTCCA GAAGCAATCA ACTTTGGATG TTTCACTATT AAGTCTGATG 1276

pThrAlaPro GluAlaIleA snPheGlyCy sPheThrIle LysSerAspV 426

TGTGGTCCTT TGGAATCCTC CTATACGAAA TTGTCACCTA TGGGAAAATT 1326

alTrpSerPh eGlyIleLeu LeuTyrGluI leValThrTy rGlyLysIle 442

CCCTACCCAG GGAGAACTAA TGCCGACGTG ATGACCGCCC TGTCCCAGGG 1376

ProTyrProG lyArgThrAs nAlaAspVal MetThrAlaL euSerGlnGl 459

CTACAGGATG CCCCGTGTGG AGAACTGCCC AGATGAGCTC TATGACATTA 1426

yTyrArgMet ProArgValG luAsnCysPr oAspGluLeu TyrAspIleM 476

TGAAAATGTG CTGGAAAGAA AAGGCAGAAG AGAGACCAAC GTTTGACTAC 1476

etLysMetCy sTrpLysGlu LysAlaGluG luArgProTh rPheAspTyr 492

TTACAGAGCG TCCTGGATGA TTTCTACACA GCCACGGAAG GGCAATACCA 1526 Q507\* Y508H Y508F Y508\*

LeuGlnSerV alLeuAspAs pPheTyrThr AlaThrGluG lyGlnTyrGl 509

GCAGCAGCCT TAGAGCACAG GGAGACCCGT CCATTGGCA GGGGTGGCTG \*37

nGlnGlnPro Stop

CCTCATTAG AGAGGAAAAG TAACCATCAC TGGTTGCACT TATGATTTCA \*87

TGTGCGGGGA TCATCTGCCG TGCCTGGATC CTGAAATAGA GGCTAAATTA \*137

CTCAGGAAGA ACACCCTCTA AATGGGAAAG TATTCTGTAC TCTTAGATGG \*187

ATTCTCCACT CAGTTGCAAC TTGGACTTGT CCTCAGCAGC TGGTAATCTT \*237

GCTCTGCTTG ACAACATCTG AGTGCAGCCG TTTGAGAAGA AAACATCTAT \*287

TCTCTCCAAA AATGCACCCA ACTAGCTCTA TGTTTACAAA TGGACATAGG \*337  
ACTCAAAGTT TCAGAGACCA TTGCAATGAA TCCCCAATAA TTGCAGAACT \*387  
AAACTCATT TATAAGCTAA AATAACCGGA TATATACATA GCATGACATT \*437  
TCTTTGTGCT TTGGCTTACT TGTTTAAAAA AAAAAAAAAA CTAATCCAAC \*487  
CTGTTAGATT TTGCAGGTGA AGTCAGCAGC TTAAAAATGT CTTTCCCAGA \*537  
TTTCAATGAT TTTTTTCCCC CTACCTCCCA AAATCTGAGA CTGTTAAAAC \*587  
ATTTTTCTTC TATGAACACT GCTCAGACCT GCTAGACATG CCATAGGAGT \*637  
GGCGTGCACA TCTCTCTCTC TTCCAGCAGG AGGAGCCCGT GAGCACGCAC \*687  
AGCTGCCCTG TCTGCTCACC CGAAGGCACC GGGCTCACCT GGACCTCCCA \*737  
GGAAAGGGAG AAGAGCCTCA GAAACTGCTC TGTGTTTAGA AGGAATATTT \*787  
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TTGACAATGT AGTTTGGAAG AACTAAGATT CTAATCTCTG AAGAACCTTA \*887  
TAGGGCCTTC TAAAACATAA GAGTTTCCTT TGTTGCTTCA AATATTTGAA \*937  
CATTATGTTA AAGATCAAGT ATTAATTTTA GTTGTACTCT AGAAAGCTAA \*987  
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TGTAGCATGT GTATGAGACT ATTTATACCC AAGGATATGA AGGAACATAA \*1087  
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TGTTTAGGCT TGAGGTGCTT AGAAGATGGG ATAAAAATATT CTACTTTTTT \*1587  
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ATTACTGTTA CATAATGTCT GCACAGCTGG TCCCTTGATT CAGTGGTAAG \*1737  
GTTTTTGTGT ACACCCCCCT GCTTGCATTT TATTTTCAGAA CCACAAGTAT \*1787  
TACCCAATAT GTTACATGGA GAGGAACTAT AAAGAATCCC TAAGGCAAAA \*1837  
AGAAGTCTCT AGAAAATGAC TAGAGGTTTT TTTTTTAGCA TAACAAATTT \*1887  
ATTTAAAGAA AATTATTAAT TTTATCTTCG CCTTGTTTTG CTTCTCCCAG \*1937  
TTCCCTCCTCT TCTTGCCATT TTCCACTTGT CTTTCCCTCC CAATCAAGCC \*1987  
TGTGATCCTT ACCTCCATGT GGGCCCTTCA CCAGCTTGGG CCTCATCTCT \*2037  
GGTGTCCAGC ATGTGTGGAA GTCACACGTT CCCTTGATGA ACAGCACACA \*2087  
CAGTCTCCTT ACTTAGCTAT AGGTTTCCAG CCTCCCTGTG ACAGACAGGC \*2137  
ATAATGAGGG GCTGAATAGG TGTTTGTAGC ATTTTCGGGT ATCCAGTGGT \*2187  
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AAGACAGAAT CCATACTCCC TACCGCCAAG ATTCTGACTT AGCTGTTGTG \*2287  
CAGCGGGAGA TGTATGTCAG TCTATTTTAA AAGCTTCTCC AGTCAGCTAG \*2337  
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CCTGGTGAAC ATGAAGCTCA CTGAACCTAA AGGAGACTCA CAGGCTAGAA \*2837  
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GAGGGCACTG AAAGCATCAT AAGTATAAAC TCATCTCCAC GTCAGCTTGT \*3137  
GGAGTCTGCT TTCTCGCTCT CTCTTTTTTTT TTTTTTTTTG ACAGAGTCTC \*3187  
ACTCTGTAC GCAGGCTAGA GTTGCAGTGG TGCATCTCA GCTCATTGCA \*3237  
ACCTCCCCCT CTCTGGTTGG AGCGATTCTT CTCCTGCCTC AGCCTCCCTA \*3287  
GTAGCTGGAA CTACAGGCAC ACACCATCTC GCCTGGCTAA TTTTTGTATT \*3337  
TTTAGTAGAG ATGGGGTTTC ACCATGTTAG CCAGGCTGGT CTCGAACTCC \*3387  
TGACCTCAGG CGATCCGCCT GCCTCGGCTT CCCAAAGTGC TGGGATTACA \*3437  
AGTGTGAGCC ACTGTGCCCG GTCGGGGTCT GCTTCTCTT TATTCCCCGT \*3487  
CCTCTCACAA ACTACATCCA GGGGCGGTAG CTGCTAAAAG GACTCAATTC \*3537  
TGCAACCTCA GCTTCTGACA CCTTCAAATA AATTAAATGC TGGTCCTAGG \*3587  
GCTCGCTCCC CAGCTCTTCT GATGTCACTG CCAGGTTCCA CAGCCAGTTG \*3637  
TCGGACATCT CCTGCTTCCT CAGCCAAGAA CACCTCTCAG ATGAGATCAA \*3687  
ACCGCCCAGC TTTCCTCTTA GCATCTTCCT TTATTTTCCA CTTCTGGCTG \*3737  
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ATTTTAGATT AAGTGAAGTC TTGCTGTTCT TCCTGATGGA AATGGTAATT \*3837  
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GTGCTTTGGC AAATGATAAA AATTATCTCT AACTCACACA ACGACCCTGG \*3937  
AAGATCTGGA CAATGCTATC ACTATTTTCA AGCTGAGAGA TCGGGAGCAT \*3987  
TTAAAGCCAC AGAAGGAATA GATTGGCTTC GCTTCATATT GTTTCCTTGT \*4037  
GAAATAAAC CAGTGAAACA CC

*LYN* (NM\_002350.4) - cDNA + Protein - 2024-12-21

