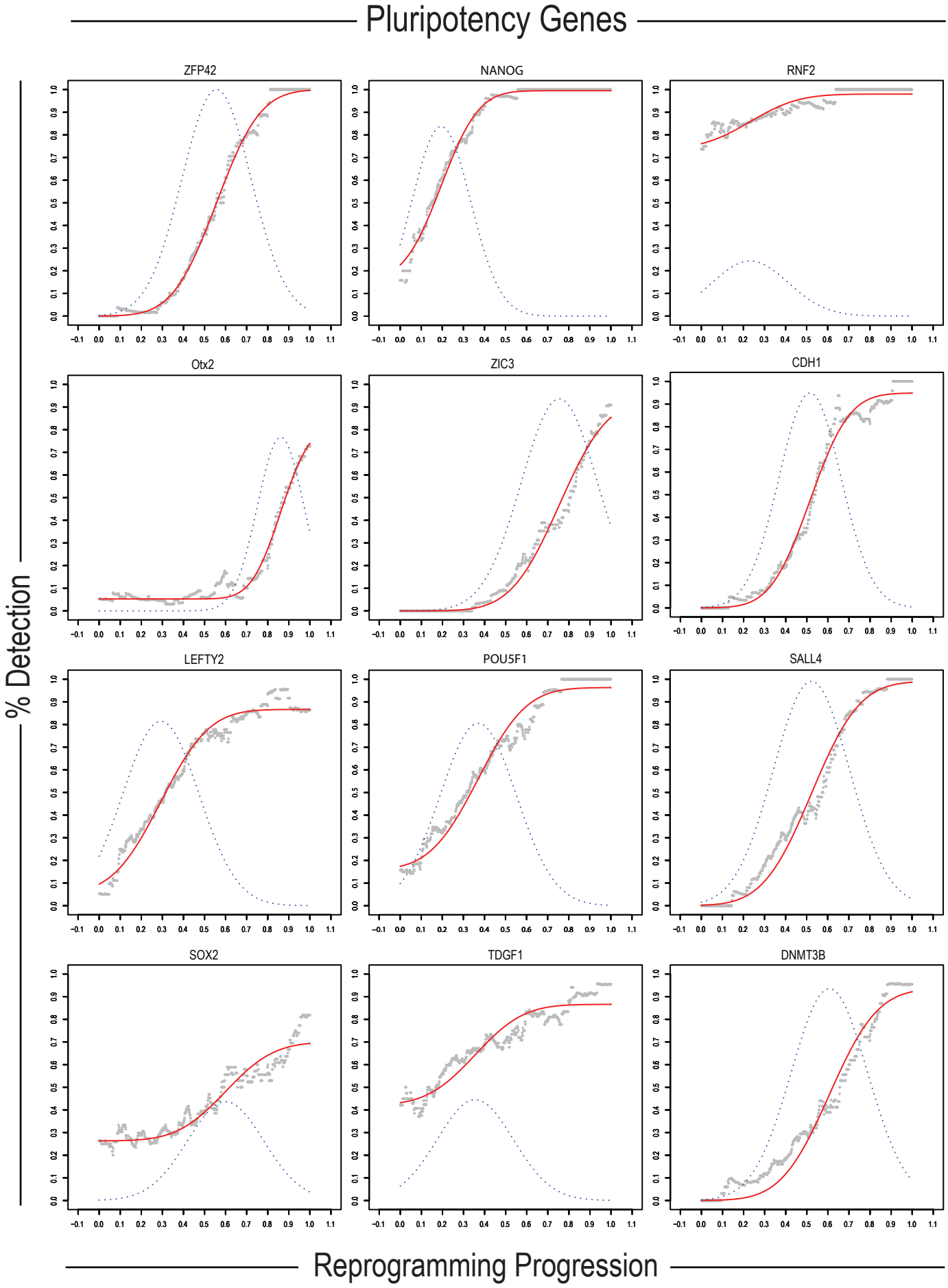
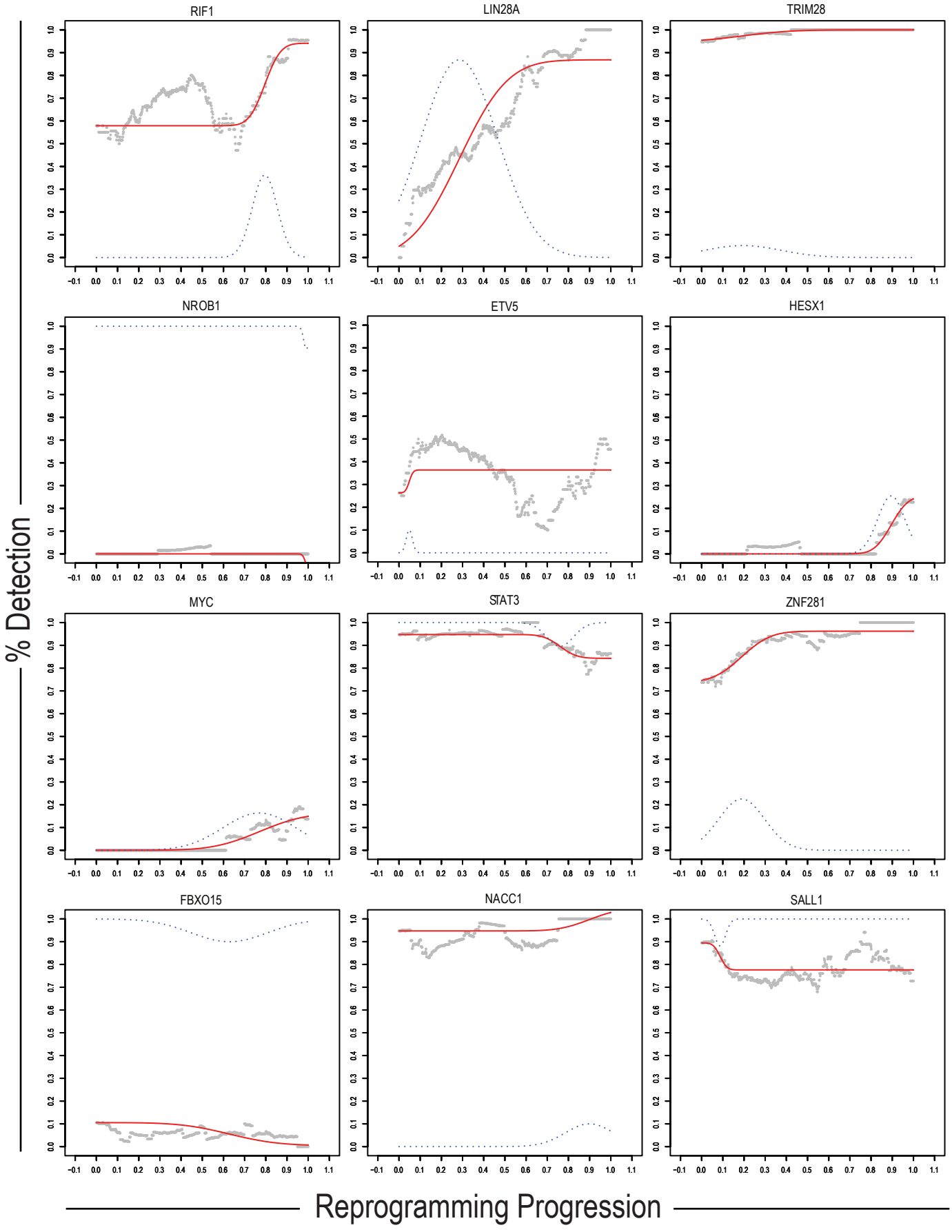
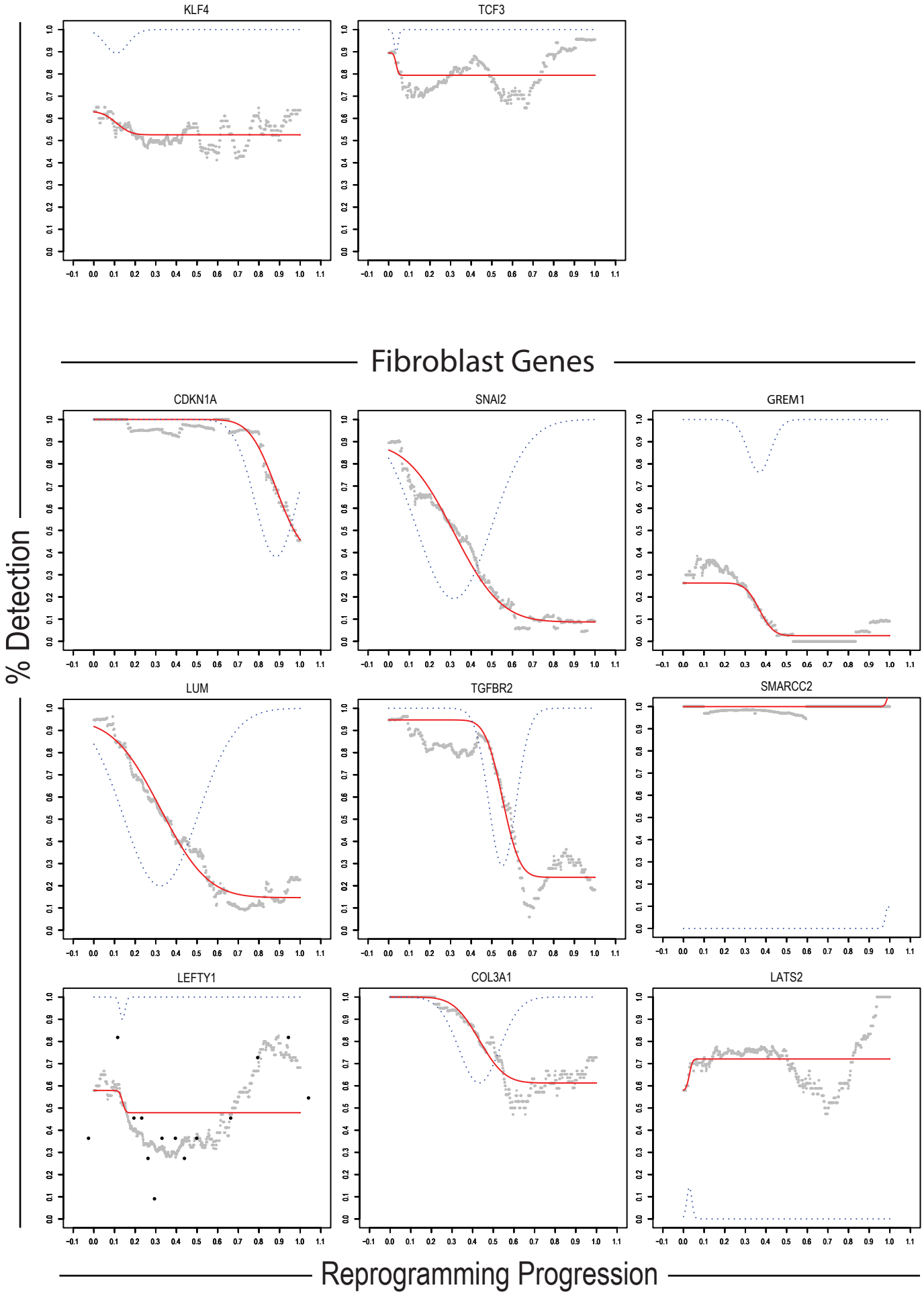
Figure S5


Pluripotency Genes
% Detection
ZFP42
NANOG
RNF2
Otx2
ZIC3
CDH1
LEFTY2
POU5F1
SALL4
SOX2
TDGF1
DNMT3B
Reprogramming Progression


RIF1
LIN28A
TRIM28
NROB1
ETV5
HESX1
MYC
STAT3
ZNF281
FBXO15
NACC1
SALL1
% Detection
Reprogramming Progression


KLF4
TCF3
Fibroblast Genes
CDKN1A
SNAI2
GREM1
LUM
TGFBR2
SMARCC2
LEFTY1
COL3A1
LATS2
% Detection
Reprogramming Progression

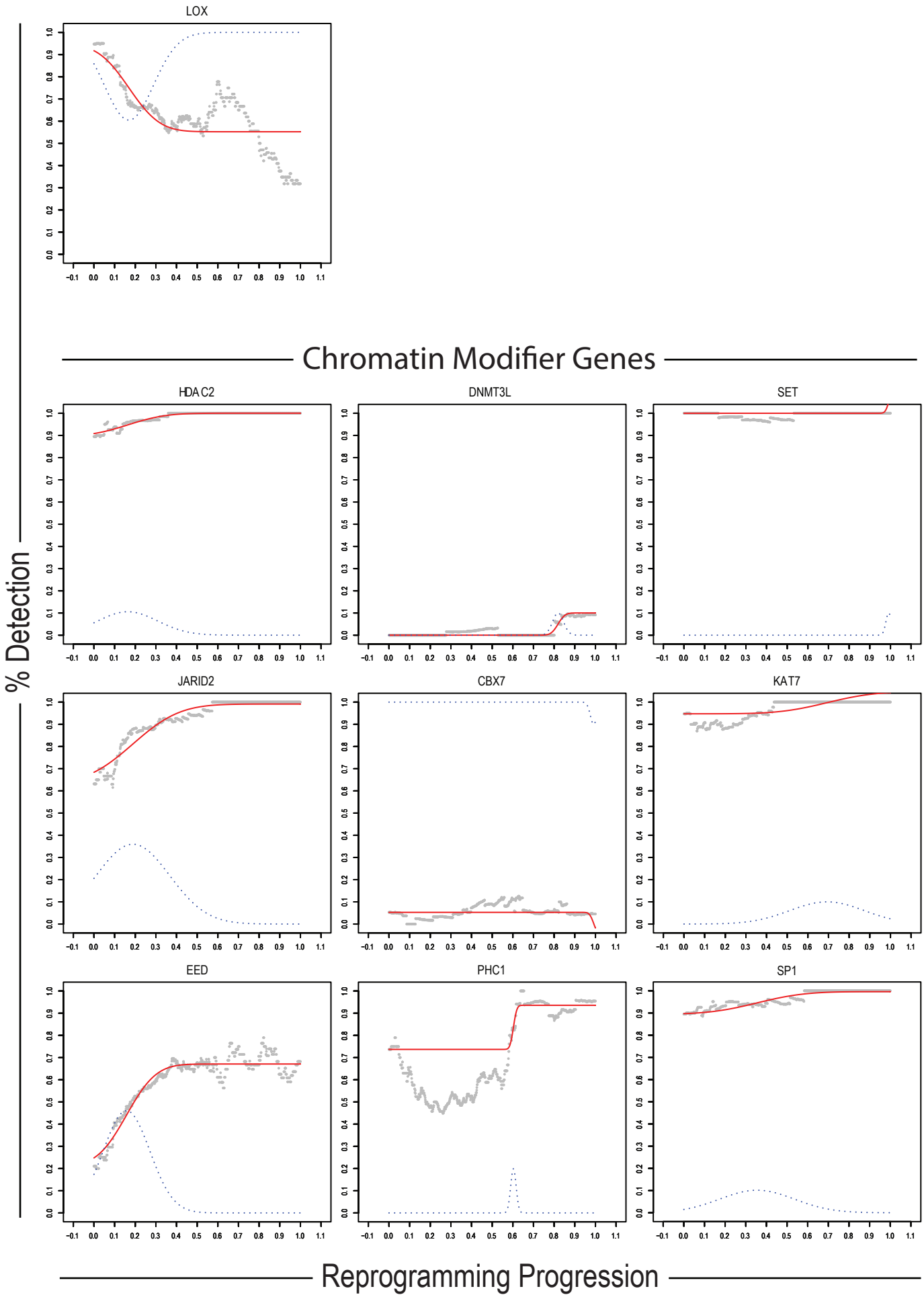

LOX
Chromatin Modifier Genes
HDAC2
DNMT3L
SET
JARID2
CBX7
KAT7
EED
PHC1
SP1
% Detection
Reprogramming Progression

Figure S5: Modeling Gene Expression Dynamics Using Gaussian Distributions
Models depict the observed detection frequency (grey dots) along the Reprogramming Progression Axis using a sliding window analysis as described in Methods. Red lines depict the model fit resulting from the underlying normal distribution (blue dotted line).