

QualN	$qn ::= l.n$	qualified name
QualC	$qc ::= l.c$	qualified constructor
Tm	$M ::= x$	variable
	$qn$	declared name
	$(\text{let } M \ x \ M)$	local declaration
	$(\text{lam } x \ M)$	$\lambda$ abstraction
	$[M \ M]$	function application
	$(\text{con } qc \ M^*)$	constructed data
	$(\text{case } M \ C^*)$	case
	$(\text{success } M)$	success
	$(\text{failure})$	failure
	$(\text{txhash})$	transaction hash
	$(\text{blocknum})$	block number
	$(\text{blocktime})$	block time
	$(\text{bind } M \ x \ M)$	computation bind
	$i$	primitive integer
	$f$	primitive float
	$b$	primitive bytestring
	$(\text{builtin } n \ M^*)$	built-in function
Cl	$C ::= (\text{cl } qc \ (x^*) \ M)$	case clause
Prg	$G ::= (\text{program } L^*)$	program
Mod	$L ::= (\text{module } l \ id \ ed \ ld \ D^*)$	module
ImpD	$id ::= (\text{imported } l^*)$	import decls
ExpD	$ed ::= (\text{exported } ((c \ a)^*) \ (n^*))$	export decls
LocD	$ld ::= (\text{local } ((c \ a)^*) \ (n^*))$	local decls
Def	$D ::= (\text{define } n \ V)$	name definition
Val	$V ::= (\text{lam } x \ M)$	$\lambda$ abstraction
	$(\text{con } qc \ V^*)$	constructed data
	$(\text{success } V)$	success
	$(\text{failure})$	failure
	$(\text{txhash})$	transaction hash
	$(\text{blocknum})$	block number
	$(\text{blocktime})$	block time
	$(\text{bind } V \ x \ M)$	computation bind
	$i$	primitive integer
	$f$	primitive float
	$b$	primitive bytestring

Fig. 1. Grammar of Plutus Core